

updated 05/20/02

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:24:41 ON 20 MAY 2002

=>.fil reg

19

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:24:49 ON 20 MAY 2002

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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\8.str

L2 STRUCTURE UPLOADED

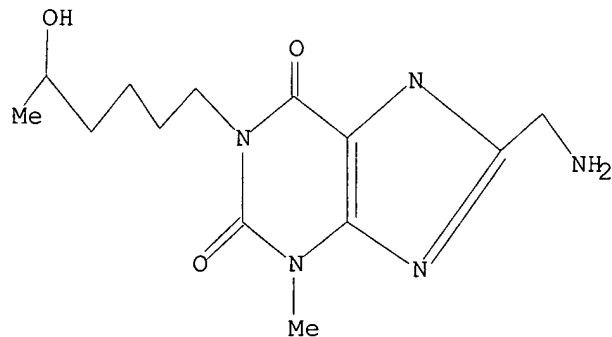
=> que L2 AND L1

L3 QUE L2 AND L1

=> d 12

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 15:25:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

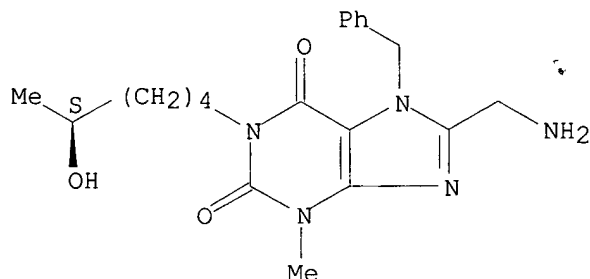
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 4 TO 200  
PROJECTED ANSWERS: 1 TO 80

L4 1 SEA SSS SAM L2

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
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CN 1H-Purine-2,6-dione,  
8-(aminomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
methyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H27 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s 12 full

FULL SEARCH INITIATED 15:27:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 68 TO ITERATE

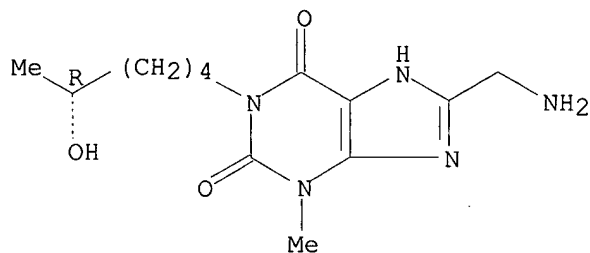
100.0% PROCESSED 68 ITERATIONS 4 ANSWERS  
SEARCH TIME: 00.00.01

L5 4 SEA SSS FUL L2

=> d 15 1-4

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 403477-24-7 REGISTRY  
CN 1H-Purine-2,6-dione,  
8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-  
methyl-, monohydrochloride (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H21 N5 O3 . Cl H  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (301536-55-0)

Absolute stereochemistry.

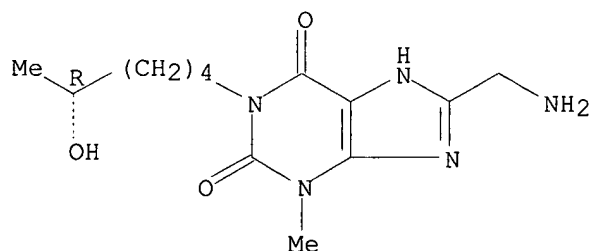


● HCl

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 301536-55-0 REGISTRY  
CN 1H-Purine-2,6-dione,  
8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-  
methyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 12440  
FS STEREOSEARCH  
MF C13 H21 N5 O3  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

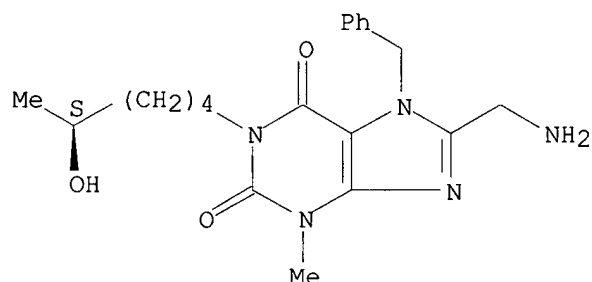


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 301329-35-1 REGISTRY  
CN 1H-Purine-2,6-dione,  
8-(aminomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
methyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H27 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

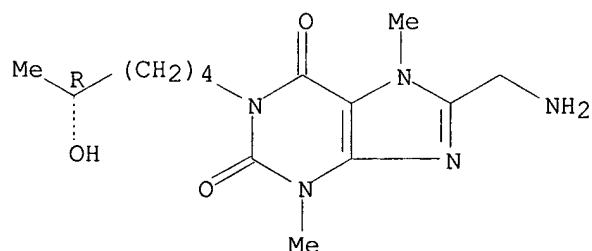


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS  
RN 301328-82-5 REGISTRY  
CN 1H-Purine-2,6-dione, 8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-  
3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 8-(Aminomethyl)-1-[(R)-5-Hydroxyhexyl]-3,7-dimethylxanthine  
FS STEREOSEARCH  
MF C14 H23 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

152.36

152.57

FILE 'CAPLUS' ENTERED AT 15:31:46 ON 20 MAY 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 20 May 2002 VOL 136 ISS 21

FILE LAST UPDATED: 19 May 2002 (20020519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 403477-24-7/rn

1 403477-24-7

0 403477-24-7D

L6

1 403477-24-7/RN

(403477-24-7 (NOTL) 403477-24-7D )

=> d

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2002:172492 CAPLUS

DN 136:232165

TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors

IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing

PA USA

SO U.S. Pat. Appl. Publ., 143 pp., Cont.-in-part of U. S. Ser. No. 8,020, abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 8

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	US 2002028823	A1	20020307	US 1999-288556	19990409
	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1171442	A1	20020116	EP 2000-921774	20000407
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PRAI	US 1998-8020	B2	19980116		
	US 1995-483871	A2	19950607		
	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		
	WO 2000-US9139	W	20000407		
OS	MARPAT 136:232165				

=> s 301536-55-0/rn  
2 301536-55-0  
0 301536-55-0D  
L7 2 301536-55-0/RN  
(301536-55-0 (NOTL) 301536-55-0D )

=> d

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:172492 CAPLUS  
DN 136:232165  
TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA USA  
SO U.S. Pat. Appl. Publ., 143 pp., Cont.-in-part of U. S. Ser. No. 8,020, abandoned.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002028823	A1	20020307	US 1999-288556	19990409
	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRAI US 1998-8020 B2 19980116  
 US 1995-483871 A2 19950607  
 US 1995-486264 A2 19950607  
 US 1999-288556 A2 19990409  
 WO 2000-US9139 W 20000407  
 OS MARPAT 136:232165

=> d 2

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:742096 CAPLUS  
 DN 133:296325  
 TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors  
 IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
 PA Cell Therapeutics, Inc., USA  
 SO PCT Int. Appl., 146 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407	
	W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	US 6100271	A	20000808	US 1995-483871	19950607	
	US 6103730	A	20000815	US 1995-486264	19950607	
	US 2002028823	A1	20020307	US 1999-288556	19990409	
	EP 1171442	A1	20020116	EP 2000-921774	20000407	
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
PRAI	US 1995-483871	A2	19950607			
	US 1995-486264	A2	19950607			
	US 1999-288556	A2	19990409			
	US 1994-199368	B2	19940218			
	US 1994-217051	B1	19940324			
	US 1998-8020	B2	19980116			
	WO 2000-US9139	W	20000407			

OS MARPAT 133:296325

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 301328-82-5/rn

1 301328-82-5

1 301328-82-5D

L8 0 301328-82-5/RN

(301328-82-5 (NOTL) 301328-82-5D )

=> ....Testing the current file.... screen



THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.80

168.37

FILE 'REGISTRY' ENTERED AT 15:36:23 ON 20 MAY 2002

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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNnote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L9 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\9.str

L10 STRUCTURE UPLOADED

=> que L10 AND L9

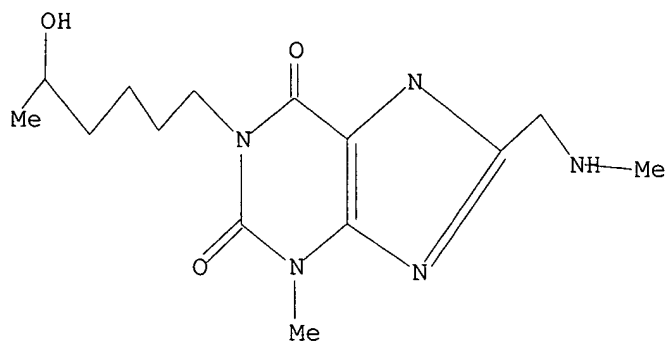
L11 QUE L10 AND L9

=> d l11

L11 HAS NO ANSWERS

L9 SCR 963

L10 STR



Structure attributes must be viewed using STN Express query preparation.  
L11 QUE ABB=ON PLU=ON L10 AND L9

=> s l11

SAMPLE SEARCH INITIATED 15:36:47 FILE 'REGISTRY'  
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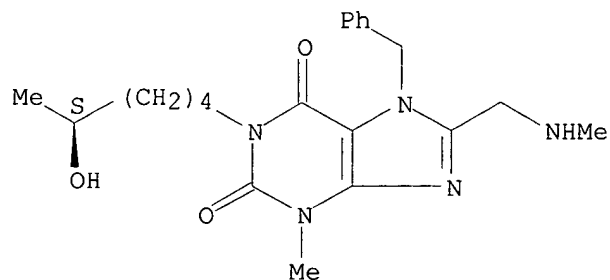
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 4 TO 200  
PROJECTED ANSWERS: 1 TO 80

L12 1 SEA SSS SAM L10 AND L9

=> d l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 301329-11-3 REGISTRY  
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-8-[(methylamino)methyl]-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H29 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s l11 full  
FULL SEARCH INITIATED 15:37:03 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 61 TO ITERATE

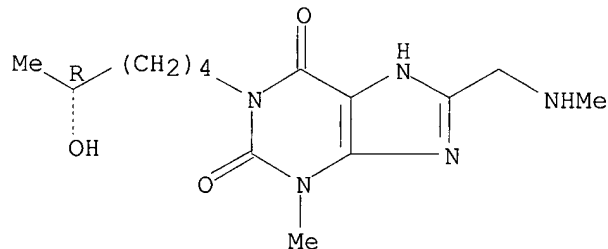
100.0% PROCESSED 61 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L13 2 SEA SSS FUL L10 AND L9

=> d l13

L13 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN 301536-56-1 REGISTRY  
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-  
[(methylamino)methyl]- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 12441  
FS STEREOSEARCH  
MF C14 H23 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil caplus uspatfull medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	144.20	312.57

FILE 'CAPLUS' ENTERED AT 15:38:09 ON 20 MAY 2002  
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FILE 'USPATFULL' ENTERED AT 15:38:09 ON 20 MAY 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 15:38:09 ON 20 MAY 2002

=> s 301536-56-1/rn  
'RN' IS NOT A VALID FIELD CODE  
L14 3 301536-56-1/RN

=> d 114

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:172492 CAPLUS  
DN 136:232165  
TI Preparation of xanthine derivatives and analogs as cell signaling  
inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA USA  
SO U.S. Pat. Appl. Publ., 143 pp., Cont.-in-part of U. S. Ser. No. 8,020,  
abandoned.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002028823	A1	20020307	US 1999-288556	19990409
	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
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	EP 1171442	A1	20020116	EP 2000-921774	20000407
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1998-8020	B2	19980116		
	US 1995-483871	A2	19950607		
	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		
	WO 2000-US9139	W	20000407		
OS	MARPAT 136:232165				

=> d 2-3

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:742096 CAPLUS  
DN 133:296325  
TI Preparation of xanthine derivatives and analogs as cell signaling  
inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA Cell Therapeutics, Inc., USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 8

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI      WO 2000061583      A1      20001019      WO 2000-US9139      20000407
      W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
          CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
          IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
          MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
          SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
          AZ, BY, KG, KZ, MD, RU, TJ, TM
      RW:  GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
          DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
          CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
      US 6100271      A      20000808      US 1995-483871      19950607
      US 6103730      A      20000815      US 1995-486264      19950607
      US 2002028823      A1      20020307      US 1999-288556      19990409
      EP 1171442      A1      20020116      EP 2000-921774      20000407
      R:   AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
          IE, SI, LT, LV, FI, RO
PRAI   US 1995-483871      A2      19950607
      US 1995-486264      A2      19950607
      US 1999-288556      A2      19990409
      US 1994-199368      B2      19940218
      US 1994-217051      B1      19940324
      US 1998-8020      B2      19980116
      WO 2000-US9139      W      20000407
OS      MARPAT 133:296325
RE.CNT 6      THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
          ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L14  ANSWER 3 OF 3  USPATFULL
AN    2002:48631  USPATFULL
TI    THERAPEUTIC COMPOUNDS FOR INHIBITING INTERLEUKIN-12 SIGNALING AND
      METHODS FOR USING SAME
IN    KLEIN, J. PETER, VASHON, WA, UNITED STATES
      KLAUS, STEPHEN J., SEATTLE, WA, UNITED STATES
      KUMAR, ANIL M., MERCER ISLAND, WA, UNITED STATES
      GONG, BAOQING, SHORELINE, WA, UNITED STATES
PI    US 2002028823      A1      20020307
AI    US 1999-288556      A1      19990409 (9)
RLI   Continuation-in-part of Ser. No. US 1998-8020, filed on 16 Jan 1998,
      ABANDONED
DT    Utility
FS    APPLICATION
LN.CNT 4381
INCL  INCLM: 514/263.000
NCL   NCLM: 514/263.000
IC    [7]
      ICM: A61K031-52
      ICS: A61K031-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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=> fil reg
COST IN U.S. DOLLARS      SINCE FILE      TOTAL
                          ENTRY      SESSION
FULL ESTIMATED COST      9.98      322.55

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FILE 'REGISTRY' ENTERED AT 15:41:10 ON 20 MAY 2002
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```

STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2  
DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L15 SCREEN CREATED

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Uploading C:\STNEXP4\QUERIES\10.str

L16 STRUCTURE UPLOADED

=> que L16 AND L15

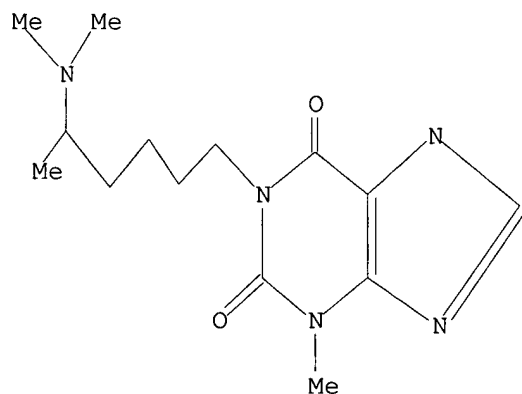
L17 QUE L16 AND L15

=> d 117

L17 HAS NO ANSWERS

L15 SCR 963

L16 STR



Structure attributes must be viewed using STN Express query preparation.  
L17 QUE ABB=ON PLU=ON L16 AND L15

=> s 116

SAMPLE SEARCH INITIATED 15:41:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1 TO 80  
PROJECTED ANSWERS: 0 TO 0

L18 0 SEA SSS SAM L16

=> s l15 full

FULL SEARCH INITIATED 15:42:01 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED 400000 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: EXCEEDS 1000000

L19 400000 SEA SSS FUL L15

=> s l16 full

FULL SEARCH INITIATED 15:42:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS 6 ANSWERS  
SEARCH TIME: 00.00.01

L20 6 SEA SSS FUL L16

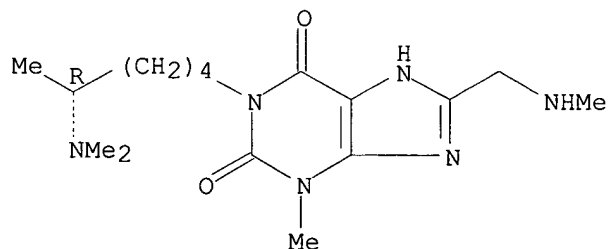
=> d l20

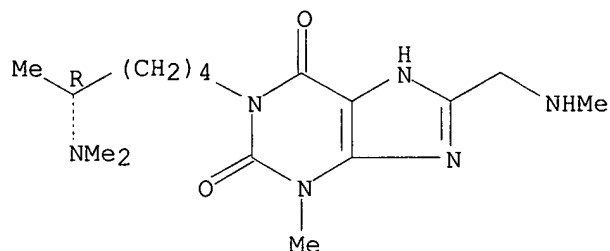
L20 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 301536-73-2 REGISTRY  
CN 1H-Purine-2,6-dione,  
1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3-methyl-  
8-[(methylamino)methyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN CT 30274  
FS STEREOSEARCH  
MF C16 H28 N6 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.





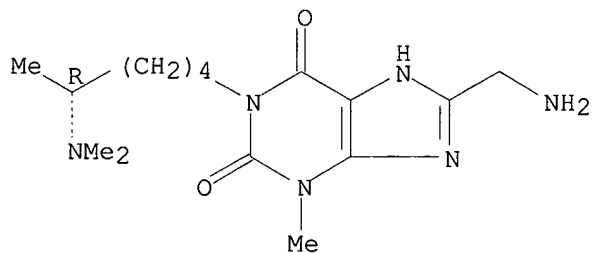
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d 2-6

L20 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 301536-72-1 REGISTRY  
CN 1H-Purine-2,6-dione, 8-(aminomethyl)-1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3-methyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 30280  
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MF C15 H26 N6 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



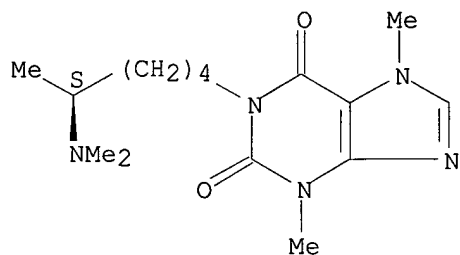
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 301534-50-9 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[(5S)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 21558  
FS STEREOSEARCH  
MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS



Absolute stereochemistry.

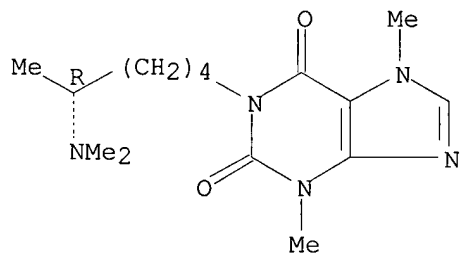


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 301534-49-6 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 11558  
FS STEREOSEARCH  
MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

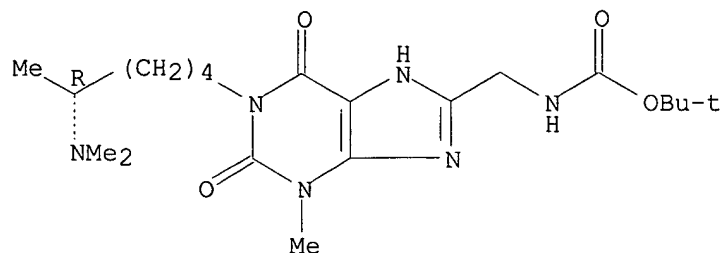


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 301329-42-0 REGISTRY  
CN Carbamic acid, [[1-[(5R)-5-(dimethylamino)hexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H34 N6 O4  
SR CA  
LC STN Files: CA, CAPLUS

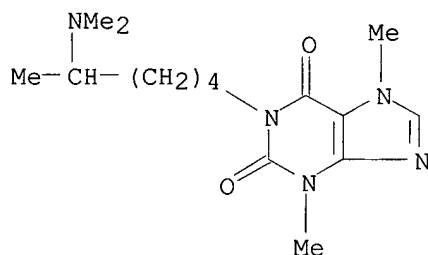
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 157523-29-0 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1H-Purine-2,6-dione,  
1-[5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl-,  
(.+-.)-  
OTHER NAMES:  
CN (.+-.)-1-[(5-(Dimethylamino)hexyl)-3,7-dimethylxanthine  
FS 3D CONCORD  
MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=>  
=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST  
SINCE FILE ENTRY  
302.58  
TOTAL SESSION  
625.13

FILE 'CAPLUS' ENTERED AT 16:02:01 ON 20 MAY 2002

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FILE COVERS 1907 - 20 May 2002 VOL 136 ISS 21  
FILE LAST UPDATED: 19 May 2002 (20020519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

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=> s 301534-49-6/rn
      1 301534-49-6
      0 301534-49-6D
L21    1 301534-49-6/RN
      (301534-49-6 (NOTL) 301534-49-6D )
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=> d

```
L21  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2002 ACS
AN   2000:742096  CAPLUS
DN   133:296325
TI   Preparation of xanthine derivatives and analogs as cell signaling
      inhibitors
IN   Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing
PA   Cell Therapeutics, Inc., USA
SO   PCT Int. Appl., 146 pp.
      CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 8
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	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6100271	A	20000808	US 1995-483871	19950607
	US 6103730	A	20000815	US 1995-486264	19950607

US 2002028823 A1 20020307 US 1999-288556 19990409  
 EP 1171442 A1 20020116 EP 2000-921774 20000407  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 PRAI US 1995-483871 A2 19950607  
 US 1995-486264 A2 19950607  
 US 1999-288556 A2 19990409  
 US 1994-199368 B2 19940218  
 US 1994-217051 B1 19940324  
 US 1998-8020 B2 19980116  
 WO 2000-US9139 W 20000407  
 OS MARPAT 133:296325  
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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 1 301534-50-9  
 0 301534-50-9D  
 L22 1 301534-50-9/RN  
 (301534-50-9 (NOTL) 301534-50-9D )

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L22 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:742096 CAPLUS  
 DN 133:296325  
 TI Preparation of xanthine derivatives and analogs as cell signaling  
 inhibitors  
 IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
 PA Cell Therapeutics, Inc., USA  
 SO PCT Int. Appl., 146 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 8

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000061583	A1	20001019	WO 2000-US9139	20000407
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US 6100271	A	20000808	US 1995-483871	19950607
US 6103730	A	20000815	US 1995-486264	19950607
US 2002028823	A1	20020307	US 1999-288556	19990409
EP 1171442	A1	20020116	EP 2000-921774	20000407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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US 1995-486264	A2	19950607		
US 1999-288556	A2	19990409		
US 1994-199368	B2	19940218		
US 1994-217051	B1	19940324		
US 1998-8020	B2	19980116		

WO 2000-US9139 W 20000407  
OS MARPAT 133:296325  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L23 1 301536-72-1/RN  
(301536-72-1 (NOTL) 301536-72-1D )

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L23 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:742096 CAPLUS  
DN 133:296325  
TI Preparation of xanthine derivatives and analogs as cell signaling  
inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA Cell Therapeutics, Inc., USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	US 6103730	A	20000815	US 1995-486264	19950607
	US 2002028823	A1	20020307	US 1999-288556	19990409
	EP 1171442	A1	20020116	EP 2000-921774	20000407
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		
	US 1994-199368	B2	19940218		
	US 1994-217051	B1	19940324		
	US 1998-8020	B2	19980116		
	WO 2000-US9139	W	20000407		

OS MARPAT 133:296325  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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0 157523-29-3D  
L24 0 157523-29-3/RN

(157523-29-3 (NOTL) 157523-29-3D )

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

18.66

643.79

FILE 'REGISTRY' ENTERED AT 16:06:30 ON 20 MAY 2002

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DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L25 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\12.str

L26 STRUCTURE UPLOADED

=> que L26 AND L25

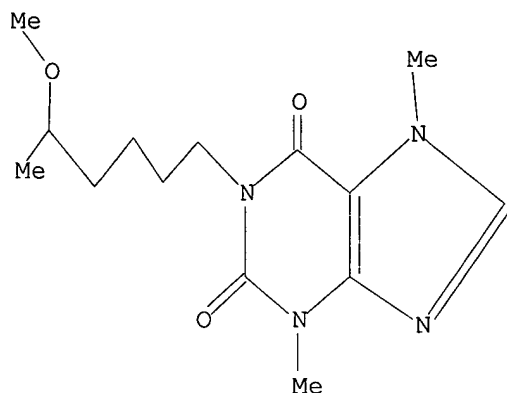
L27 QUE L26 AND L25

=> d 127

L27 HAS NO ANSWERS

L25 SCR 963

L26 STR



Structure attributes must be viewed using STN Express query preparation.  
 L27 QUE ABB=ON PLU=ON L26 AND L25

=> fil caplus uspatfull medline  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.14	644.93

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:08:18 ON 20 MAY 2002  
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FILE 'MEDLINE' ENTERED AT 16:08:18 ON 20 MAY 2002

=> s 125

SUBSTANCE QUERIES NOT VALID IN THIS FILE  
 SUBSTANCE QUERIES NOT VALID IN THIS FILE  
 SUBSTANCE QUERIES NOT VALID IN THIS FILE

The logic expression entered contains L#s or saved query names which correspond to structures built by the STRUCTURE command or to screen sets. These must be searched in a substance file such as the REGISTRY file. In some files you may use a Registry Number answer set from a structure search as a search term or profile in some bibliographic file containing Registry Numbers, e.g. the CA file. For an explanation, enter "HELP CROSSOVER" at an arrow prompt (=>).

=> s 125

SUBSTANCE QUERIES NOT VALID IN THIS FILE  
 SUBSTANCE QUERIES NOT VALID IN THIS FILE  
 SUBSTANCE QUERIES NOT VALID IN THIS FILE

The logic expression entered contains L#s or saved query names which correspond to structures built by the STRUCTURE command or to screen sets. These must be searched in a substance file such as the REGISTRY file. In some files you may use a Registry Number answer set from a structure search as a search term or profile in some bibliographic file containing Registry Numbers, e.g. the CA file. For an explanation, enter "HELP CROSSOVER" at an arrow prompt (=>).

=> s 126

SUBSTANCE QUERIES NOT VALID IN THIS FILE  
SUBSTANCE QUERIES NOT VALID IN THIS FILE  
SUBSTANCE QUERIES NOT VALID IN THIS FILE

The logic expression entered contains L#s or saved query names which correspond to structures built by the STRUCTURE command or to screen sets. These must be searched in a substance file such as the REGISTRY file. In some files you may use a Registry Number answer set from a structure search as a search term or profile in some bibliographic file containing Registry Numbers, e.g. the CA file. For an explanation, enter "HELP CROSSOVER" at an arrow prompt (=>).

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.99	646.92

FILE 'REGISTRY' ENTERED AT 16:09:02 ON 20 MAY 2002  
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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2  
DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s 126

SAMPLE SEARCH INITIATED 16:09:10 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 57 TO ITERATE

100.0% PROCESSED 57 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 688 TO 1592  
PROJECTED ANSWERS: 0 TO 0

L28 0 SEA SSS SAM L26

=> s 127

SAMPLE SEARCH INITIATED 16:09:15 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED 42 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*



PROJECTED ITERATIONS: 452 TO 1228  
PROJECTED ANSWERS: 0 TO 0

L29 0 SEA SSS SAM L26 AND L25

=> s 125

SAMPLE SEARCH INITIATED 16:09:18 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

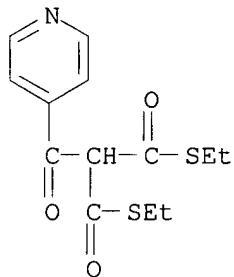
FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*

PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: EXCEEDS 1000000

L30 50 SEA SSS SAM L25

=> d 130 49-50

L30 ANSWER 49 OF 50 REGISTRY COPYRIGHT 2002 ACS  
RN 39503-06-5 REGISTRY  
CN Propanebis(thioic) acid, (4-pyridinylcarbonyl)-, S,S-diethyl ester (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C13 H15 N O3 S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

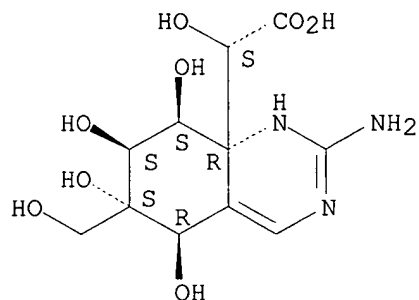
L30 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2002 ACS  
RN 31019-14-4 REGISTRY  
CN 8a(1H)-Quinazolineacetic acid, 2,3,5,6,7,8-hexahydro-.alpha.,5,6,7,8-pentahydroxy-6-(hydroxymethyl)-2-imino-, monoacetate (ester), (5.alpha.,6.beta.,7.alpha.,8.alpha.,8a.alpha.)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Tetrodoic acid, anhydro-, acetate (7CI)  
FS STEREOSEARCH  
DR 31229-81-9  
MF C13 H19 N3 O9  
CI IDS  
LC STN Files: CAOLD

CM 1

CRN 4841-52-5

CMF C11 H17 N3 O8

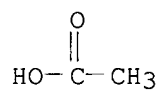
Absolute stereochemistry.



CM 2

CRN 64-19-7

CMF C2 H4 O2



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L31 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\12.str

L32 STRUCTURE UPLOADED

=> que L32 AND L31

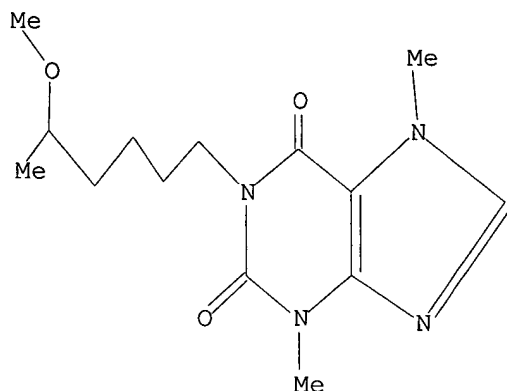
L33 QUE L32 AND L31

=> d 133

L33 HAS NO ANSWERS

L31 SCR 963

L32 STR



Structure attributes must be viewed using STN Express query preparation.  
 L33 QUE ABB=ON PLU=ON L32 AND L31

=> s l33

SAMPLE SEARCH INITIATED 16:10:41 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED 42 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 452 TO 1228  
 PROJECTED ANSWERS: 0 TO 0

L34 0 SEA SSS SAM L32 AND L31

=> s l33 full

FULL SEARCH INITIATED 16:10:52 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 726 TO ITERATE

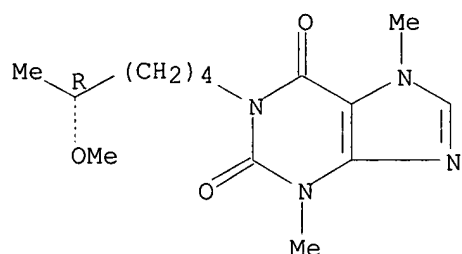
100.0% PROCESSED 726 ITERATIONS 2 ANSWERS  
 SEARCH TIME: 00.00.01

L35 2 SEA SSS FUL L32 AND L31

=> d l35

L35 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
 RN 301536-20-9 REGISTRY  
 CN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-methoxyhexyl]-3,7-dimethyl-  
 (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 1-[(R)-5-Methoxyhexyl]-3,7-dimethylxanthine  
 FS STEREOSEARCH  
 MF C14 H22 N4 O3  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

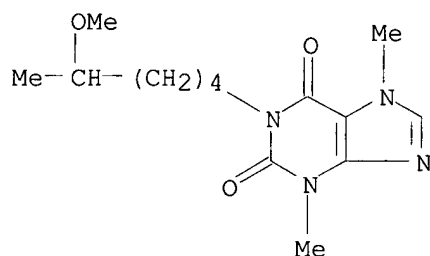


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d 2

L35 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN 117835-17-3 REGISTRY  
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-(5-methoxyhexyl)-3,7-dimethyl- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C14 H22 N4 O3  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.12

795.04

FILE 'CAPLUS' ENTERED AT 16:11:59 ON 20 MAY 2002

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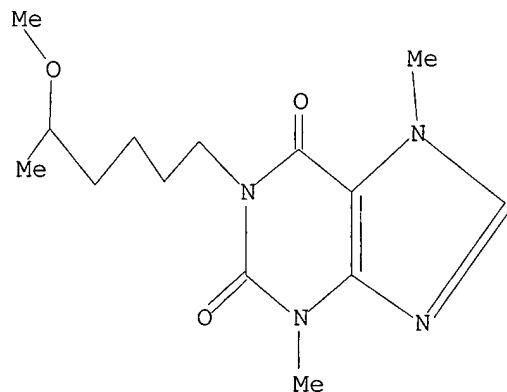
FILE COVERS 1907 - 20 May 2002 VOL 136 ISS 21  
FILE LAST UPDATED: 19 May 2002 (20020519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

```
=> s 301536-20-9/rn
      1 301536-20-9
      0 301536-20-9D
L36   1 301536-20-9/RN
      (301536-20-9 (NOTL) 301536-20-9D )
```

```
=> d 126
L26 HAS NO ANSWERS
L26 STR
```



Structure attributes must be viewed using STN Express query preparation.

```
=> d 136
```

```
L36 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2000:742096 CAPLUS
DN 133:296325
TI Preparation of xanthine derivatives and analogs as cell signaling
   inhibitors
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing
PA Cell Therapeutics, Inc., USA
```

SO PCT Int. Appl., 146 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6100271	A	20000808	US 1995-483871	19950607
	US 6103730	A	20000815	US 1995-486264	19950607
	US 2002028823	A1	20020307	US 1999-288556	19990409
	EP 1171442	A1	20020116	EP 2000-921774	20000407
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1995-483871	A2	19950607		
	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		
	US 1994-199368	B2	19940218		
	US 1994-217051	B1	19940324		
	US 1998-8020	B2	19980116		
	WO 2000-US9139	W	20000407		

OS MARPAT 133:296325

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.79

800.83

FILE 'REGISTRY' ENTERED AT 16:14:37 ON 20 MAY 2002

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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963

L37 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\10.str

L38 STRUCTURE UPLOADED

=> que L38 AND L37

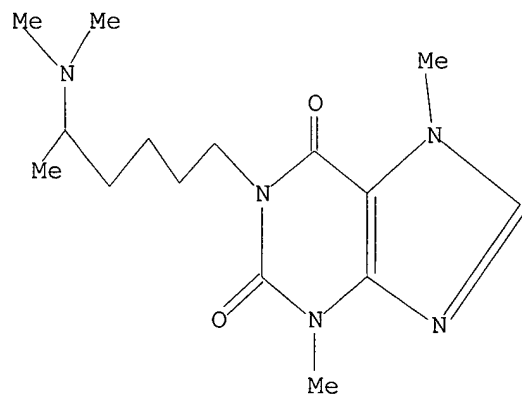
L39 QUE L38 AND L37

=> d 139

L39 HAS NO ANSWERS

L37 SCR 963

L38 STR



Structure attributes must be viewed using STN Express query preparation.  
L39 QUE ABB=ON PLU=ON L38 AND L37

=> s 139

SAMPLE SEARCH INITIATED 16:15:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 16 TO ITERATE

100.0% PROCESSED

16 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 80 TO 560  
PROJECTED ANSWERS: 0 TO 0

L40 0 SEA SSS SAM L38 AND L37

=> s 139 full

FULL SEARCH INITIATED 16:15:37 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 310 TO ITERATE

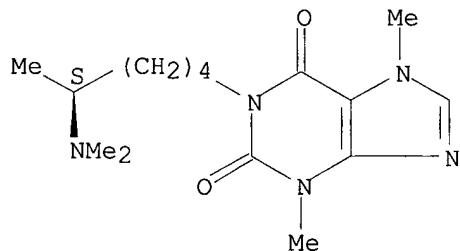
100.0% PROCESSED 310 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

L41 3 SEA SSS FUL L38 AND L37

=> d 141

L41 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 301534-50-9 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[(5S)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 21558  
FS STEREOSEARCH  
MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

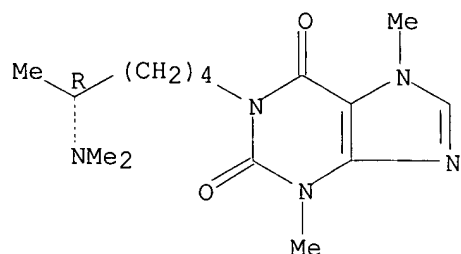
=> d 2-3

L41 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 301534-49-6 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 11558  
FS STEREOSEARCH



MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS

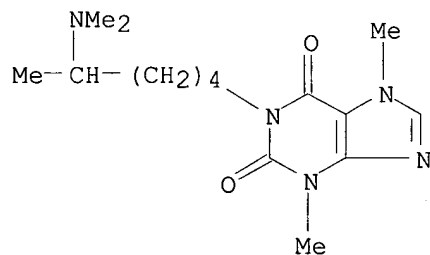
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L41 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 157523-29-0 REGISTRY  
CN 1H-Purine-2,6-dione, 1-[5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1H-Purine-2,6-dione,  
1-[5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl-,  
(.+-.)-  
OTHER NAMES:  
CN (.+-.)-1-[(5-(Dimethylamino)hexyl)-3,7-dimethylxanthine  
FS 3D CONCORD  
MF C15 H25 N5 O2  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

145.78

946.61

FILE 'CAPLUS' ENTERED AT 16:16:08 ON 20 MAY 2002  
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FILE COVERS 1907 - 20 May 2002 VOL 136 ISS 21  
FILE LAST UPDATED: 19 May 2002 (20020519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

```
=> s 301534-50-9/rn
      1 301534-50-9
      0 301534-50-9D
L42   1 301534-50-9/RN
      (301534-50-9 (NOTL) 301534-50-9D )
```

=> d 142

L42 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:742096 CAPLUS  
DN 133:296325  
TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA Cell Therapeutics, Inc., USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6100271	A	20000808	US 1995-483871	19950607
US 6103730	A	20000815	US 1995-486264	19950607
US 2002028823	A1	20020307	US 1999-288556	19990409
EP 1171442	A1	20020116	EP 2000-921774	20000407

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

PRAI US 1995-483871	A2	19950607
US 1995-486264	A2	19950607
US 1999-288556	A2	19990409
US 1994-199368	B2	19940218
US 1994-217051	B1	19940324
US 1998-8020	B2	19980116
WO 2000-US9139	W	20000407

OS MARPAT 133:296325

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 301534-49-6/rn  
1 301534-49-6  
0 301534-49-6D  
L43 1 301534-49-6/RN  
(301534-49-6 (NOTL) 301534-49-6D )

=> d 143

L43 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2000:742096 CAPLUS

DN 133:296325

TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors

IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing

PA Cell Therapeutics, Inc., USA

SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	US 6100271	A	20000808	US 1995-483871	19950607
	US 6103730	A	20000815	US 1995-486264	19950607
	US 2002028823	A1	20020307	US 1999-288556	19990409
	EP 1171442	A1	20020116	EP 2000-921774	20000407
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
PRAI	US 1995-483871	A2	19950607		
	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		

US 1994-199368 B2 19940218  
US 1994-217051 B1 19940324  
US 1998-8020 B2 19980116  
WO 2000-US9139 W 20000407

OS MARPAT 133:296325

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 157523-29-0/rn  
2 157523-29-0  
0 157523-29-0D  
L44 2 157523-29-0/RN  
(157523-29-0 (NOTL) 157523-29-0D )

=> d 144

L44 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

AN 1998:604658 CAPLUS

DN 129:239905

TI Amine-substituted xanthinyl compounds, their preparation, and use for  
treatment of diseases caused by an undesirable cell response mediated by  
a

proliferative intracellular signaling pathway

IN Klein, J. Peter; Underiner, Gail E.; Kumar, Anil M.; Ridgers, Lance H.;  
Rice, Glenn C.; Leung, David W.

PA Cell Therapeutics, Inc., USA

SO U.S., 51 pp., Cont.-in-part of U.S. Ser. No. 217,051, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5807861	A	19980915	US 1995-476911	19950607
PRAI	US 1994-217051	B2	19940324		
OS	MARPAT 129:239905				

=>

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.74

968.35

FILE 'REGISTRY' ENTERED AT 16:29:45 ON 20 MAY 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.



=> s 147 full  
FULL SEARCH INITIATED 16:30:39 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 66 TO ITERATE

100.0% PROCESSED 66 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L49 0 SEA SSS FUL L46 AND L45

=> fil reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 142.56 1110.91

FILE 'REGISTRY' ENTERED AT 16:33:42 ON 20 MAY 2002  
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STRUCTURE FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2  
DICTIONARY FILE UPDATES: 18 MAY 2002 HIGHEST RN 418253-06-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 964

L50 SCREEN CREATED

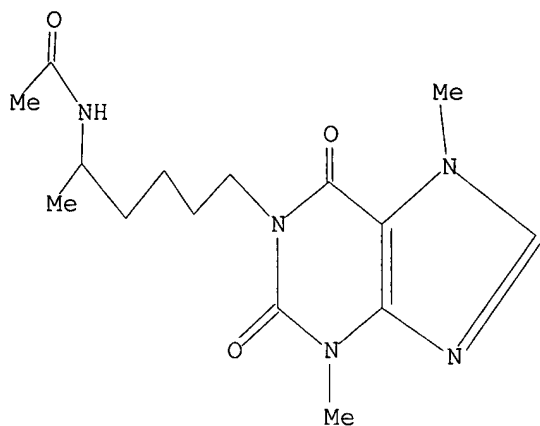
=>  
Uploading C:\STNEXP4\QUERIES\15.str

L51 STRUCTURE UPLOADED

=> que L51 AND L50

L52 QUE L51 AND L50

=> d 152  
L52 HAS NO ANSWERS  
L50 SCR 964  
L51 STR



Structure attributes must be viewed using STN Express query preparation.  
 L52 QUE ABB=ON PLU=ON L51 AND L50

=> s 152  
 SAMPLE SEARCH INITIATED 16:34:12 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 3 TO 163  
 PROJECTED ANSWERS: 0 TO 0

L53 0 SEA SSS SAM L51 AND L50

=> s 152 ful  
 FULL SEARCH INITIATED 16:34:18 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 79 TO ITERATE

100.0% PROCESSED 79 ITERATIONS 2 ANSWERS  
 SEARCH TIME: 00.00.01

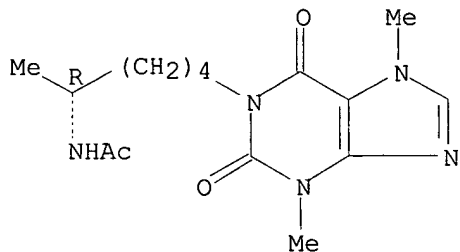
L54 2 SEA SSS FUL L51 AND L50

=> d 1545  
 L545 NOT FOUND  
 The L-number entered has not been defined in this session, or it  
 has been deleted. To see the L-numbers currently defined in this  
 session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d 154

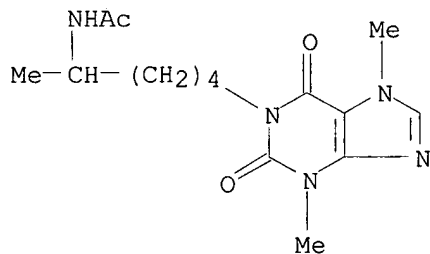
L54 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
 RN 301534-51-0 REGISTRY  
 CN Acetamide, N-[(1R)-1-methyl-5-(2,3,6,7-tetrahydro-3,7-dimethyl-2,6-dioxo-  
 1H-purin-1-yl)pentyl]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN CT 12538  
 FS STEREOSEARCH

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```
L54  ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2002  ACS
RN   213039-43-1  REGISTRY
CN   Acetamide, N-[1-methyl-5-(2,3,6,7-tetrahydro-3,7-dimethyl-2,6-dioxo-1H-
    purin-1-yl)pentyl]- (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C15 H23 N5 O3
SR   CA
LC   STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL
```



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```
=> fil caplus uapatfull medline
'UAPATFULL' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
```



ENTER A FILE NAME OR (IGNORE):uspatfull  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
144.20	1255.11

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:35:43 ON 20 MAY 2002  
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FILE 'USPATFULL' ENTERED AT 16:35:43 ON 20 MAY 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 16:35:43 ON 20 MAY 2002

=> s 301534-51-0/rn  
'RN' IS NOT A VALID FIELD CODE  
L55 1 301534-51-0/RN

=> d 155

L55 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:742096 CAPLUS  
DN 133:296325  
TI Preparation of xanthine derivatives and analogs as cell signaling  
inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing  
PA Cell Therapeutics, Inc., USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 8

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
PI WO 2000061583	A1	20001019	WO 2000-US9139	20000407
W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
US 6100271	A	20000808	US 1995-483871	19950607
US 6103730	A	20000815	US 1995-486264	19950607
US 2002028823	A1	20020307	US 1999-288556	19990409
EP 1171442	A1	20020116	EP 2000-921774	20000407
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO	
PRAI US 1995-483871	A2	19950607		
US 1995-486264	A2	19950607		
US 1999-288556	A2	19990409		
US 1994-199368	B2	19940218		
US 1994-217051	B1	19940324		
US 1998-8020	B2	19980116		
WO 2000-US9139	W	20000407		
OS MARPAT 133:296325				
RE.CNT 6				

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.59	1261.70

FILE 'REGISTRY' ENTERED AT 16:38:17 ON 20 MAY 2002  
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TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 964

L56 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\15.str

L57 STRUCTURE UPLOADED

=> que L57 AND L56

L58 QUE L57 AND L56

=> s 158

SAMPLE SEARCH INITIATED 16:38:40 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED	0 ITERATIONS	0 ANSWERS
SEARCH TIME: 00.00.01		

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**
	BATCH	**COMPLETE**

PROJECTED ITERATIONS:	0 TO	0
PROJECTED ANSWERS:	0 TO	0

L59 0 SEA SSS SAM L57 AND L56

=> s 158 full  
FULL SEARCH INITIATED 16:38:46 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L60 0 SEA SSS FUL L57 AND L56

=> s 157 full  
FULL SEARCH INITIATED 16:38:56 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3 TO ITERATE

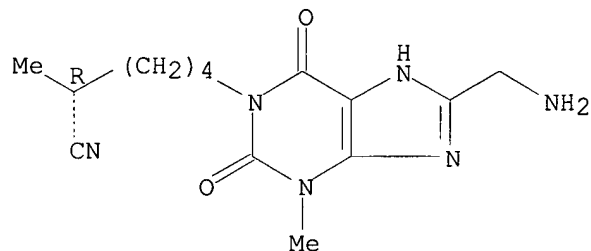
100.0% PROCESSED 3 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L61 1 SEA SSS FUL L57

=> d 161

L61 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 301536-71-0 REGISTRY  
CN 1H-Purine-1-hexanenitrile, 8-(aminomethyl)-2,3,6,7-tetrahydro-.alpha.,3-  
dimethyl-2,6-dioxo-, (.alpha.R)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN CT 30289  
FS STEREOSEARCH  
MF C14 H20 N6 O2  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil caplus medline uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	282.14	1543.84

FILE 'CAPLUS' ENTERED AT 16:39:25 ON 20 MAY 2002  
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FILE 'MEDLINE' ENTERED AT 16:39:25 ON 20 MAY 2002

FILE 'USPATFULL' ENTERED AT 16:39:25 ON 20 MAY 2002

CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 301536-71-0/rn

'RN' IS NOT A VALID FIELD CODE

L62 1 301536-71-0/RN

=> d 162

L62 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2000:742096 CAPLUS

DN 133:296325

TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors

IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.; Gong, Baoqing

PA Cell Therapeutics, Inc., USA

SO PCT Int. Appl., 146 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				
	CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				
	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
	MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6100271	A	20000808	US 1995-483871	19950607
	US 6103730	A	20000815	US 1995-486264	19950607
	US 2002028823	A1	20020307	US 1999-288556	19990409
	EP 1171442	A1	20020116	EP 2000-921774	20000407
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
PRAI	US 1995-483871	A2	19950607		
	US 1995-486264	A2	19950607		
	US 1999-288556	A2	19990409		
	US 1994-199368	B2	19940218		
	US 1994-217051	B1	19940324		
	US 1998-8020	B2	19980116		
	WO 2000-US9139	W	20000407		

OS MARPAT 133:296325

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal617mxb

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 3 Feb 06 Engineering Information Encompass files have new names  
NEWS 4 Feb 16 TOXLINE no longer being updated  
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure  
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL  
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's  
DWPI and DPCI  
NEWS 10 Aug 23 In-process records and more frequent updates now in  
MEDLINE  
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA  
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN  
NEWS 13 Sep 17 IMSworld Pharmaceutical Company Directory name change  
to PHARMASEARCH

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,  
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

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FILE 'HOME' ENTERED AT 15:56:33 ON 27 SEP 2001

=> fileregistry

FILEREGISTRY IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.95

1.95

FILE 'REGISTRY' ENTERED AT 16:04:26 ON 27 SEP 2001  
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DICTIONARY FILE UPDATES: 26 SEP 2001 HIGHEST RN 358967-92-7

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT  
for details.

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\xxxx.str

L1 STRUCTURE UPLOADED

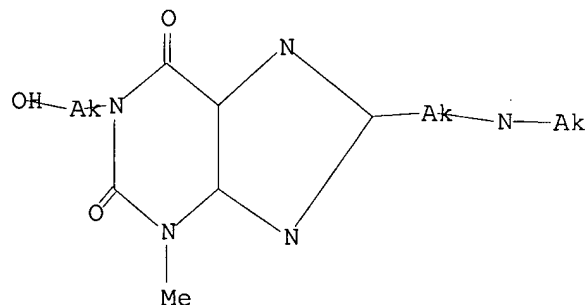
=> que L1

L2 QUE L1

=> d l2

L2 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.  
L2 QUE ABB=ON PLU=ON L1

=> s l1

SAMPLE SEARCH INITIATED 16:05:03 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 42331 TO 48029  
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s 12

SAMPLE SEARCH INITIATED 16:05:13 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 42331 TO 48029  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 16:05:28 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 46427 TO ITERATE

100.0% PROCESSED 46427 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.12

L5 0 SEA SSS FUL L1

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\xxxxoh.str

L6 STRUCTURE UPLOADED

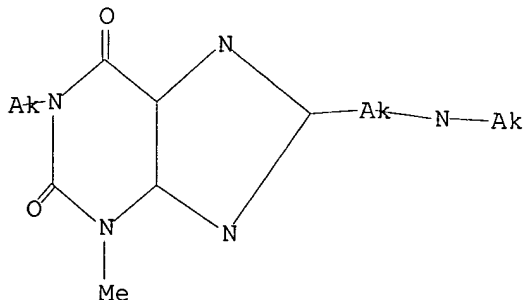
=> que L6

L7 QUE L6

=> d 17

L7 HAS NO ANSWERS

L6 STR



Structure attributes must be viewed using STN Express query preparation.  
L7                    QUE ABB=ON PLU=ON L6

=> s 16

SAMPLE SEARCH INITIATED 16:07:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED        1000 ITERATIONS                    0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                             BATCH    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:        42331 TO        48029  
PROJECTED ANSWERS:                0 TO                0

L8                    0 SEA SSS SAM L6

=> s 16 full

FULL SEARCH INITIATED 16:07:57 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 46427 TO ITERATE

100.0% PROCESSED        46427 ITERATIONS                    0 ANSWERS  
SEARCH TIME: 00.00.10

L9                    0 SEA SSS FUL L6

Trying 3106016892...Open

Welcome to STN International!    Enter x:x  
LOGINID:sssptal617mxb  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 3    Feb 06        Engineering Information Encompass files have new names  
NEWS 4    Feb 16        TOXLINE no longer being updated  
NEWS 5    Apr 23        Search Derwent WPINDEX by chemical structure  
NEWS 6    Apr 23        PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7    May 07        DGENE Reload  
NEWS 8    Jun 20        Published patent applications (A1) are now in USPATFULL  
NEWS 9    JUL 13        New SDI alert frequency now available in Derwent's  
                         DWPI and DPCI  
NEWS 10   Aug 23        In-process records and more frequent updates now in  
                         MEDLINE  
NEWS 11   Aug 23        PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA  
NEWS 12   Aug 23        Adis Newsletters (ADISNEWS) now available on STN  
NEWS 13   Sep 17        IMSworld Pharmaceutical Company Directory name change  
                         to PHARMASEARCH

NEWS EXPRESS    August 15 CURRENT WINDOWS VERSION IS V6.0c,  
                         CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
                         AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001  
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NEWS INTER        General Internet Information



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NEWS WWW        CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 17:01:19 ON 27 SEP 2001

=> file registry		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 17:01:33 ON 27 SEP 2001  
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DICTIONARY FILE UPDATES: 26 SEP 2001 HIGHEST RN 358967-92-7

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

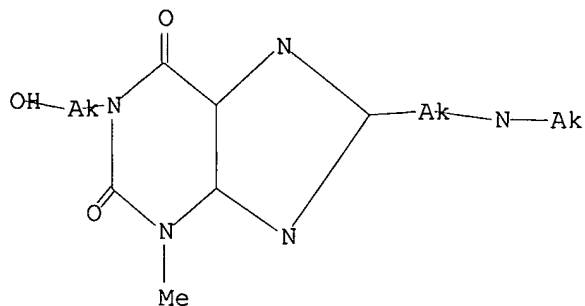
=>  
Uploading C:\STNEXP4\QUERIES\xxxx.str

L1        STRUCTURE UPLOADED

=> que L1

L2    QUE L1

=> d  
L2 HAS NO ANSWERS  
L1            STR



Structure attributes must be viewed using STN Express query preparation.  
 L2 QUE ABB=ON PLU=ON L1

=> s l2

SAMPLE SEARCH INITIATED 17:02:11 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED 1000 ITERATIONS 0 ANSWERS  
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 42331 TO 48029  
 PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s full l2

FULL SEARCH INITIATED 17:02:21 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 46427 TO ITERATE

100.0% PROCESSED 46427 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.10

L4 0 SEA SSS FUL L1

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\san.str

L5 STRUCTURE UPLOADED

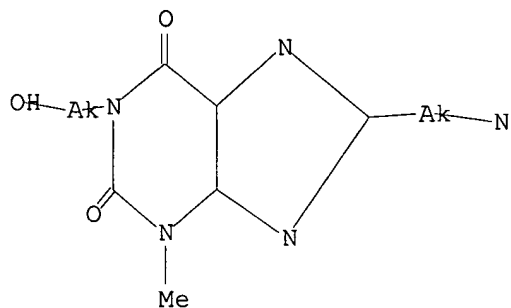
=> que L5

L6 QUE L5

=> d

L6 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.  
 L6 QUE ABB=ON PLU=ON L5

=> s 16  
 SAMPLE SEARCH INITIATED 17:05:30 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED 1000 ITERATIONS 0 ANSWERS  
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 42331 TO 48029  
 PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L5

=> s 16 full  
 FULL SEARCH INITIATED 17:05:38 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 46427 TO ITERATE

100.0% PROCESSED 46427 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.11

L8 0 SEA SSS FUL L5

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

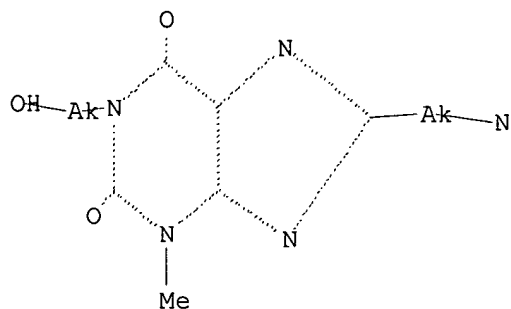
=>  
 Uploading C:\STNEXP4\QUERIES\san.str

L9 STRUCTURE UPLOADED

=> que L9

L10 QUE L9

=> d  
 L10 HAS NO ANSWERS  
 L9 STR



Structure attributes must be viewed using STN Express query preparation.  
 L10 QUE ABB=ON PLU=ON L9

=> s l9

SAMPLE SEARCH INITIATED 17:07:30 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 2259 TO ITERATE

44.3% PROCESSED 1000 ITERATIONS 2 ANSWERS  
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
 SEARCH TIME: 00.00.01

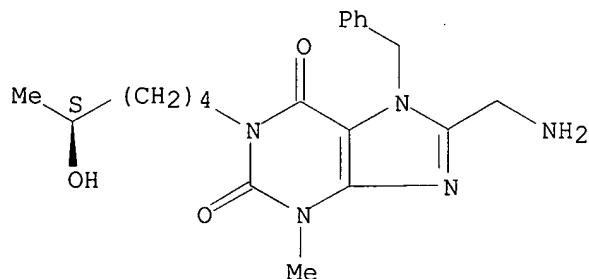
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 42331 TO 48029  
 PROJECTED ANSWERS: 2 TO 217

L11 2 SEA SSS SAM L9

=> d scan

L11 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-(aminomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
 methyl-7-(phenylmethyl)- (9CI)  
 MF C20 H27 N5 O3

Absolute stereochemistry.

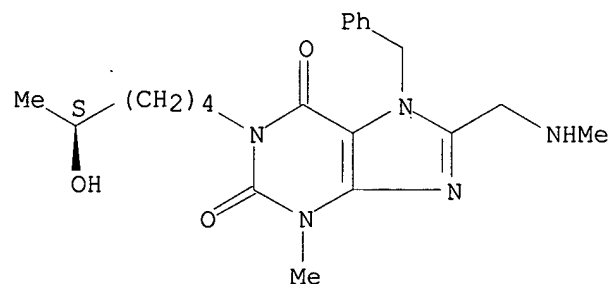


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L11 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-8-  
 [(methylamino)methyl]-7-(phenylmethyl)- (9CI)

MF C21 H29 N5 O3

Absolute stereochemistry.



ALL ANSWERS HAVE BEEN SCANNED

=> s 19 full

FULL SEARCH INITIATED 17:08:01 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 46427 TO ITERATE

100.0% PROCESSED 46427 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.10

L12 9 SEA SSS FUL L9

=> d tot

L12 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2001 ACS

RN 301536-56-1 REGISTRY

CN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-[(methylamino)methyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN CT 12441

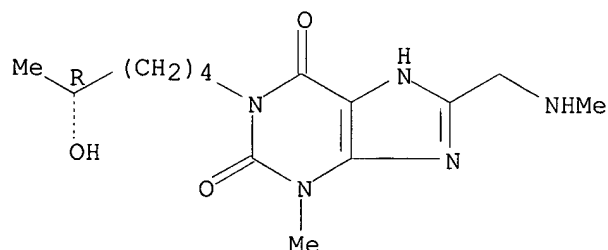
FS STEREOSEARCH

MF C14 H23 N5 O3

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2001 ACS

RN 301536-55-0 REGISTRY

CN 1H-Purine-2,6-dione, 8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-

methyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN CT 12440

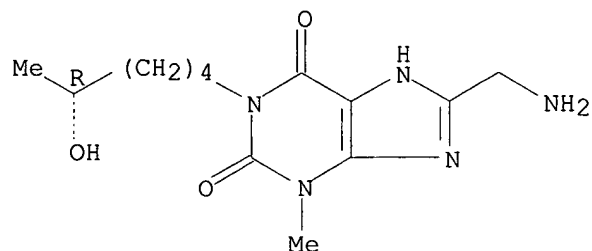
FS STEREOSEARCH

MF C13 H21 N5 O3

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2001 ACS

RN 301329-37-3 REGISTRY

CN Carbamic acid, [[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

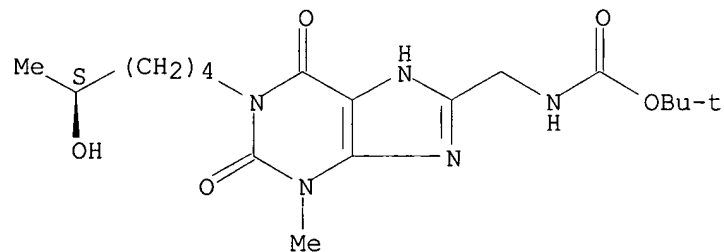
FS STEREOSEARCH

MF C18 H29 N5 O5

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2001 ACS

RN 301329-36-2 REGISTRY

CN Carbamic acid, [[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-2,6-dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

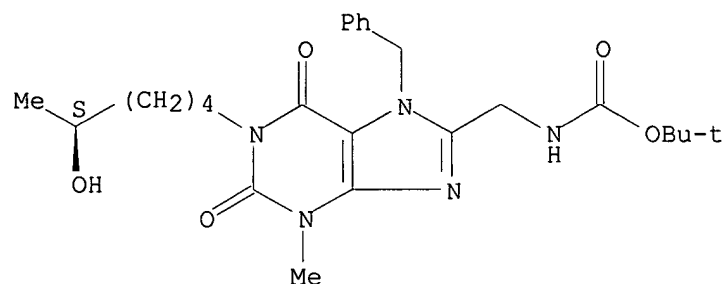
FS STEREOSEARCH

MF C25 H35 N5 O5

SR CA

LC STN Files: CA, CAPLUS

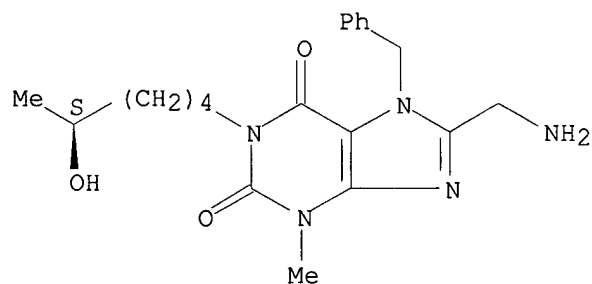
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2001 ACS  
RN 301329-35-1 REGISTRY  
CN 1H-Purine-2,6-dione,  
8-(aminomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
methyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H27 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

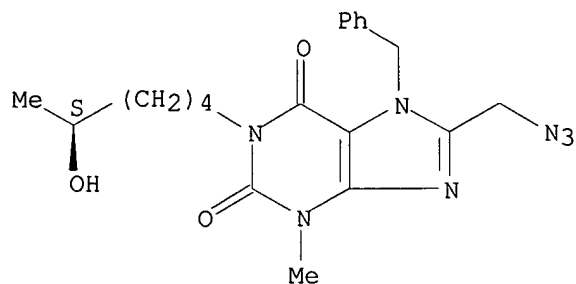
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2001 ACS  
RN 301329-34-0 REGISTRY  
CN 1H-Purine-2,6-dione,  
8-(azidomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
methyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H25 N7 O3  
SR CA  
LC STN Files: CA, CAPLUS

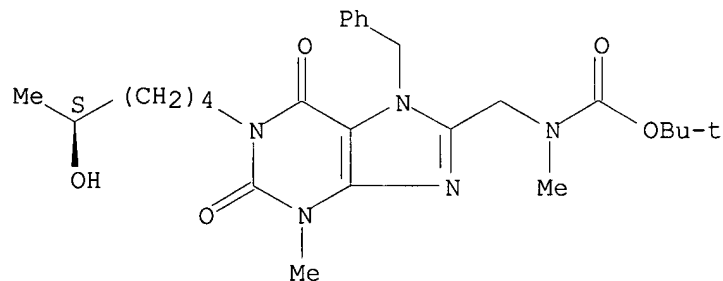
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2001 ACS  
RN 301329-29-3 REGISTRY  
CN Carbamic acid,  
methyl[[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-  
2,6-dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl  
ester  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C26 H37 N5 O5  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

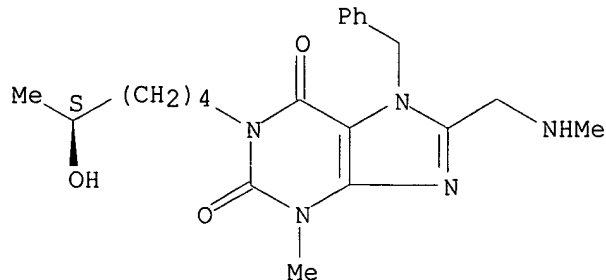


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2001 ACS  
RN 301329-11-3 REGISTRY  
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-8-  
[(methylamino)methyl]-7-(phenylmethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H29 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

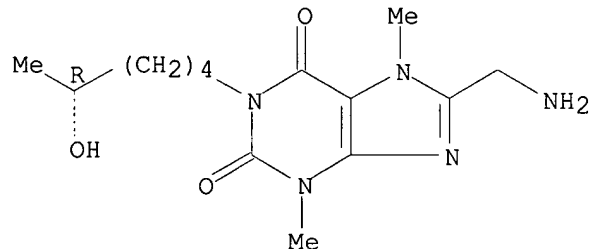




1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2001 ACS  
RN 301328-82-5 REGISTRY  
CN 1H-Purine-2,6-dione, 8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-dimethyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 8-(Aminomethyl)-1-[(R)-5-Hydroxyhexyl]-3,7-dimethylxanthine  
FS STEREOSEARCH  
MF C14 H23 N5 O3  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil caplu

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
417.59	417.74

FULL ESTIMATED COST

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FILE COVERS 1947 - 27 Sep 2001 VOL 135 ISS 14  
FILE LAST UPDATED: 26 Sep 2001 (20010926/ED)

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=> s klein, j?/au  
L13 2429 KLEIN, J?/AU

=> s klaus, st?/au  
L14 17 KLAUS, ST?/AU

=> s l13 and l14  
L15 1 L13 AND L14

=> d scan

L15 1 ANSWERS CAPLUS COPYRIGHT 2001 ACS  
IC ICM C07D473-06  
ICS C07D473-04; C07D487-04; C07D513-04; C07D495-04; A61K031-522;  
A61P035-00; C07D487-04; C07D239-00; C07D209-00; C07D513-04;  
C07D285-00; C07D239-00; C07D487-04; C07D249-00; C07D239-00;  
C07D495-04; C07D333-00; C07D235-00  
CC 26-9 (Biomolecules and Their Synthetic Analogs)  
Section cross-reference(s): 1, 28, 63  
TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors  
ST xanthine deriv analog prepn cell signaling inhibitor; interleukin 12 disorder inhibitor xanthine deriv analog prepn  
IT Purine bases  
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(analog and derivs.; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)  
IT Encephalomyelitis  
(autoimmune, adoptive transfer model; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)  
IT Interleukin 12  
RL: BPR (Biological process); BIOL (Biological study); PROC (Process)  
(intracellular signalling disorders; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)  
IT Animal cell

(mammalian, signaling inhibitors; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT Cytokines  
 RL: BPR (Biological process); BIOL (Biological study); PROC (Process)  
 (proinflammatory; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT Interferons  
 RL: BPR (Biological process); BIOL (Biological study); PROC (Process)  
 (.gamma.; prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 301536-59-4P, CT 12458  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (pn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 301328-80-3DP, libraries 301329-13-5P, 8-Bromo-3,7-dimethyl-1-[(R)-5-hydroxyhexyl]xanthine 301329-14-6P 301329-15-7P 301329-27-1P, 1-[(R)-5-Azidoheptyl]-3,7-dimethylxanthine 301329-28-2P, 1-[(R)-5-Aminoheptyl]-3,7-dimethylxanthine 301329-33-9P 301329-34-0P 301329-35-1P 301329-49-7P,  
 8-(Benzyloxy)methyl-1-[(R)-5-hydroxyhexyl]-3-methylxanthine 301329-53-3P, 8-Chloromethyl-1-[(R)-5-hydroxyhexyl]-3,7-dimethylxanthine  
 RL: BAC (Biological activity or effector, except adverse); RCT  
 (Reactant);  
 SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 100324-81-0  
 RL: BAC (Biological activity or effector, except adverse); RCT  
 (Reactant);  
 THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 230644-84-5P, CT 12407 231963-20-5P, CT 12460 231963-21-6P, CT 17556 231963-23-8P, CT 17557 301328-77-8DP, 1-[(R)-5-Hydroxyhexyl]-3-methylxanthine, 7-substituted libraries 301328-78-9DP, 1-[(R)-5-Hydroxyhexyl]-7-methylxanthine, 3-substituted libraries 301328-79-0DP, 1-[(S)-5-Hydroxyhexyl]-7-methylxanthine, 3-substituted libraries 301328-81-4DP, 8-Amino-1-[(R)-5-Hydroxyhexyl]-3-methylxanthine, libraries 301328-82-5DP, 8-(Aminomethyl)-1-[(R)-5-Hydroxyhexyl]-3,7-dimethylxanthine, libraries 301329-44-2P, CT 22404 301329-45-3DP, 1-[(S)-5-Hydroxyhexyl]-3-methylxanthine, 7-substituted libraries 301329-57-7P, CT 12404 301534-49-6P, CT 11558 301534-50-9P, CT 21558 301534-51-0P, CT 12538 301536-06-1P, CT 14577 301536-20-9P, 1-[(R)-5-Methoxyhexyl]-3,7-dimethylxanthine 301536-21-0P, CT 12465 301536-25-4P, CT 22465 301536-51-6P, CT 7549 301536-52-7P, CT 11495 301536-53-8P, CT 11499 301536-54-9P, CT 12422  
 301536-55-0P, CT 12440 301536-56-1P, CT 12441 301536-57-2P, CT 12447  
 301536-58-3P, CT 12452 301536-60-7P, CT 12459 301536-61-8P, CT 12461  
 301536-62-9P, CT 12463 301536-63-0P, CT 12464 301536-64-1P, CT 12481  
 301536-66-3P, CT 12485 301536-67-4P, CT 12490 301536-68-5P, CT 22464  
 301536-69-6P, CT 13410 301536-70-9P, CT 16575 301536-71-0P, CT 30289  
 301536-72-1P, CT 30280 301536-73-2P, CT 30274  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP

(Preparation); USES (Uses)  
 (prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 58-85-5, Biotin 62-23-7, 4-Nitrobenzoic acid 98-00-0, Furfuryl  
 alcohol  
 100-39-0, Benzyl bromide 108-24-7, Acetic anhydride 108-30-5,  
 reactions 123-38-6, Propionaldehyde, reactions 141-43-5, reactions  
 372-09-8, Cyanoacetic acid 407-25-0, Trifluoroacetic anhydride  
 538-32-9, N-Benzylurea 543-27-1, Isobutyl chloroformate 552-62-5,  
 7-Methylxanthine 611-59-6, 1,7-Dimethylxanthine 1076-22-8,  
 3-Methylxanthine 2434-53-9, 6-Amino-1-methyluracil 3188-13-4,  
 Chloromethyl ethyl ether 4048-33-3, 6-Amino-1-hexanol 7751-38-4,  
 Dichlorodiisopropylsilane 9003-53-6, Polystyrene 13087-49-5,  
 3,7-Dimethyluric acid 18997-19-8, Chloromethyl pivalate 19810-31-2,  
 (Benzylloxy)acetyl chloride 100324-80-9 117381-20-1D, Argo gel,  
 aminated resin 154885-34-4, (R)-5-Acetoxy-1-chlorohexane 154885-35-5  
 230644-86-7 230644-92-5 301328-83-6, 1-(5-Oximinohexyl)-3,7-  
 dimethylxanthine 301329-02-2, (S)-5-Acetoxy-1-chlorohexane  
 301329-30-6, 1-[(S)-5-Acetoxyhexyl]-8-(hydroxymethyl)-3-methylxanthine  
 RL: RCT (Reactant)

(prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

IT 4437-18-7P, Furfurylbromide 6972-82-3P, 5,6-Diamino-1-methyluracil  
 9003-53-6DP, Polystyrene, brominated or chlorosilylated 15371-15-0P  
 26690-80-2P, N-(tert-Butoxycarbonyl)ethanolamine 35502-06-8P  
 39684-80-5P 41862-11-7P, 6-Amino-1-benzyluracil 56025-86-6P,  
 7-Benzyl-3-methylxanthine 62700-61-2P 72816-87-6P 72816-88-7P  
 75937-12-1P 82448-39-3P, 3,8-Dimethylxanthine 93703-24-3P,  
 8-Bromo-3-methylxanthine 93703-26-5P 131598-98-6P 142356-33-0P  
 230644-83-4P 301328-77-8DP, 1-[(R)-5-Hydroxyhexyl]-3-methylxanthine,  
 polystyrene resin-bound 301328-77-8P, 1-[(R)-5-Hydroxyhexyl]-3-  
 methylxanthine 301328-78-9P, 1-[(R)-5-Hydroxyhexyl]-7-methylxanthine  
 301328-79-0P, 1-[(S)-5-Hydroxyhexyl]-7-methylxanthine 301328-84-7P,  
 9-[(Pivaloyloxy)methyl]-3,7-dimethyluric acid 301328-85-8P,  
 3-(2-Furylmethyl)-7-methylxanthine 301328-86-9P 301328-87-0P,  
 8-Bromo-7-ethoxymethyl-3-methylxanthine 301328-88-1P 301328-89-2P  
 301328-93-8P 301328-94-9P 301328-95-0P 301328-97-2P 301328-98-3P  
 301328-99-4P 301329-00-0P 301329-01-1P 301329-03-3P,  
 3-[(R)-5-Acetoxyhexyl]-6-amino-1-methyluracil 301329-04-4P,  
 1-[(R)-5-Acetoxyhexyl]-3-methyluric acid 301329-05-5P 301329-06-6P  
 301329-07-7P 301329-08-8P,  
 1-[(R)-5-Acetoxyhexyl]-3-methyl-8-azaxanthine  
 301329-09-9P, 1-[(R)-5-Acetoxyhexyl]-3,7-dimethyl-8-azaxanthine  
 301329-10-2P, 1-[(R)-5-Acetoxyhexyl]-3,8-dimethyl-8-azaxanthine  
 301329-11-3P 301329-12-4P, 1-[(R)-5-Acetoxyhexyl]-8-bromo-3,7-  
 dimethylxanthine 301329-16-8P, 1-[(S)-5-Acetoxyhexyl]-7-benzyl-3-  
 methylxanthine 301329-17-9P, 1-[(R)-5-Acetoxyhexyl]-7-methylxanthine  
 301329-18-0P 301329-19-1P 301329-20-4P 301329-21-5P 301329-22-6P  
 301329-23-7P 301329-24-8P 301329-25-9P 301329-26-0P,  
 1-[(S)-5-(Mesyloxy)hexyl]-3,7-dimethylxanthine 301329-29-3P  
 301329-31-7P 301329-32-8P 301329-36-2P 301329-37-3P 301329-38-4P  
 301329-39-5P 301329-40-8P 301329-41-9P 301329-42-0P 301329-43-1P,  
 7-Benzyl-1-[(S)-5-(4-nitrobenzoyloxy)hexyl]-3-methylxanthine  
 301329-45-3P, 1-[(S)-5-Hydroxyhexyl]-3-methylxanthine 301329-46-4P,  
 8-Bromo-1-[(R)-5-hydroxyhexyl]-3-methylxanthine 301329-47-5P  
 301329-48-6DP, aminated Argo gel resin-bound 301329-48-6P  
 301329-50-0P, 1-[(R)-5-Acetoxyhexyl]-8-[(benzyloxy)methyl]-3-  
 methylxanthine 301329-51-1P,  
 1-[(R)-5-Acetoxyhexyl]-8-[hydroxymethyl]-3-  
 methylxanthine 301329-52-2P,  
 1-[(R)-5-Acetoxyhexyl]-8-hydroxymethyl-3,7-  
 dimethylxanthine 301329-53-3DP, DHP-polystyrene resin-bound  
 301329-54-4P, 3-[(R)-5-Acetoxyhexyl]-1,7-dimethylxanthine 301329-55-5P

301329-56-6P, 1-[(R)-5-Acetoxyhexyl]-7-benzyl-3-methylxanthine  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of xanthine derivs. and analogs as cell signaling inhibitors)

ALL ANSWERS HAVE BEEN SCANNED

=> d

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS  
AN 2000:742096 CAPLUS  
DN 133:296325  
TI Preparation of xanthine derivatives and analogs as cell signaling inhibitors  
IN Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.;  
Gong, Baoqing  
PA Cell Therapeutics, Inc., USA  
SO PCT Int. Appl., 146 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061583	A1	20001019	WO 2000-US9139	20000407
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	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
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	US 1999-288556	A2	19990409		
	US 1994-199368	B2	19940218		
	US 1994-217051	B1	19940324		

OS MARPAT 133:296325

RE.CNT 6

RE

(1) Cell Therapeutics Inc; WO 9422449 A 1994 CAPLUS  
(2) Cell Therapeutics Inc; WO 9422863 A 1994 CAPLUS  
(3) Cell Therapeutics Inc; WO 9424133 A 1994 CAPLUS  
(4) Cell Therapeutics Inc; WO 9520589 A 1995 CAPLUS  
(5) Cell Therapeutics Inc; WO 9522546 A 1995 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> sel rn l15 1

E1 THROUGH E158 ASSIGNED

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.39

423.13

FILE 'REGISTRY' ENTERED AT 17:11:56 ON 27 SEP 2001

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STRUCTURE FILE UPDATES: 26 SEP 2001 HIGHEST RN 358967-92-7  
DICTIONARY FILE UPDATES: 26 SEP 2001 HIGHEST RN 358967-92-7

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT  
for details.

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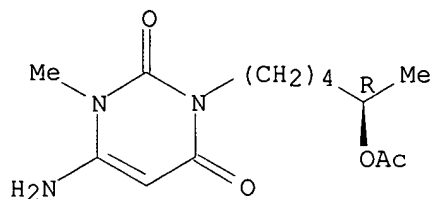
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L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 3-[(5R)-5-(acetyloxy)hexyl]-6-amino-1-methyl-  
 (9CI)  
 MF C13 H21 N3 O4

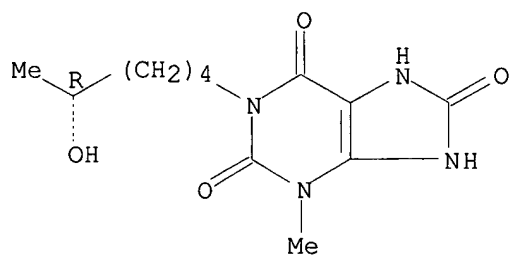
Absolute stereochemistry.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):157

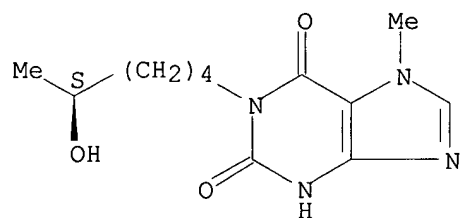
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 IN 1H-Purine-2,6,8(3H)-trione, 7,9-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl- (9CI)  
 MF C12 H18 N4 O4

Absolute stereochemistry.



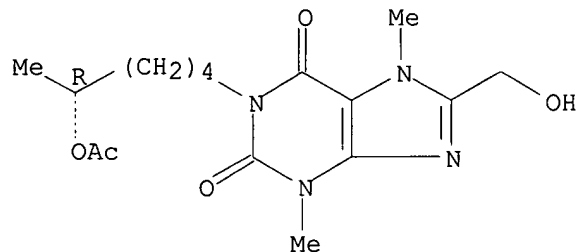
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 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-7-methyl- (9CI)  
 MF C12 H18 N4 O3

Absolute stereochemistry.

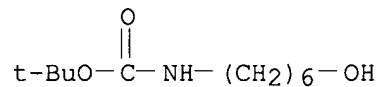


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-8-(hydroxymethyl)-3,7-dimethyl- (9CI)  
 MF C16 H24 N4 O5

Absolute stereochemistry.

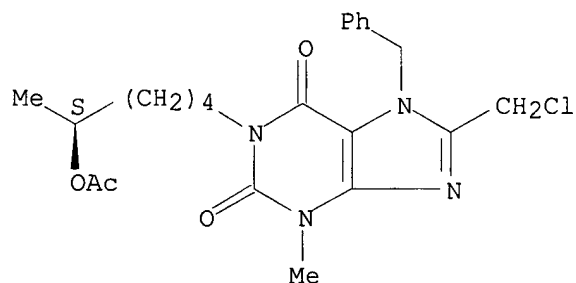


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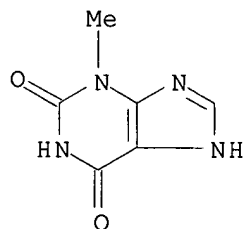


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5S)-5-(acetyloxy)hexyl]-8-(chloromethyl)-3,7-dihydro-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C22 H27 Cl N4 O4

Absolute stereochemistry.

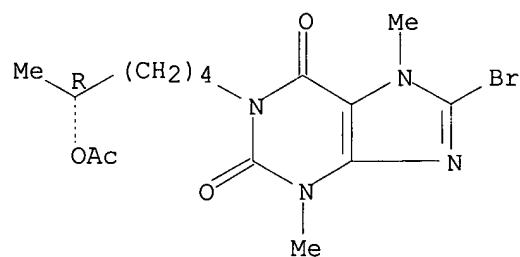


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3-methyl- (9CI)  
 MF C6 H6 N4 O2  
 CI COM



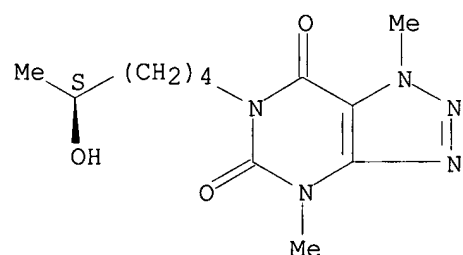
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-8-bromo-3,7-dihydro-3,7-dimethyl- (9CI)  
 MF C15 H21 Br N4 O4

Absolute stereochemistry.



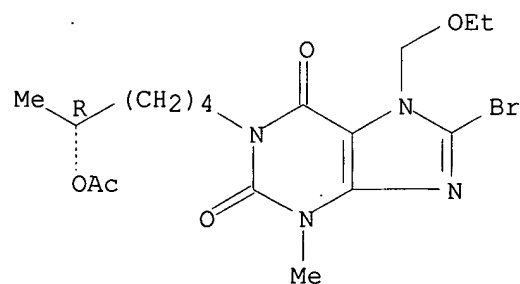
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
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 MF C12 H19 N5 O3

Absolute stereochemistry.



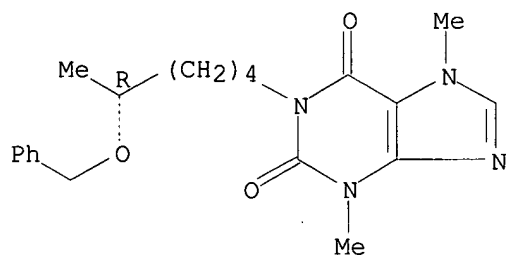
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-8-bromo-7-(ethoxymethyl)-3,7-dihydro-3-methyl- (9CI)  
 MF C17 H25 Br N4 O5

Absolute stereochemistry.



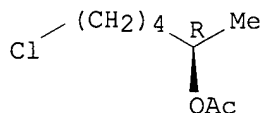
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3,7-dimethyl-1-[(5R)-5-(phenylmethoxy)hexyl]- (9CI)  
 MF C20 H26 N4 O3

Absolute stereochemistry.



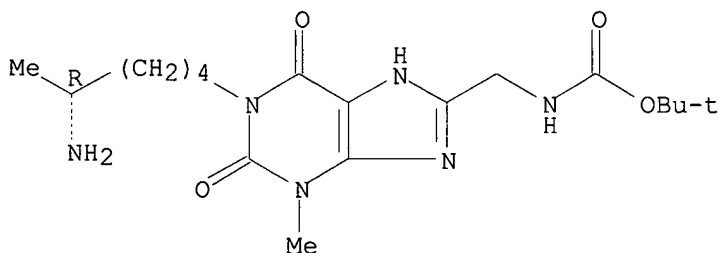
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Absolute stereochemistry.

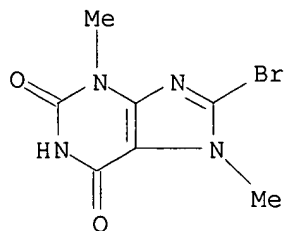


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[1-[(5R)-5-aminohexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C18 H30 N6 O4

Absolute stereochemistry.

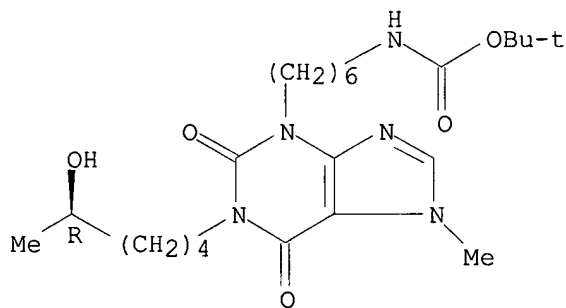


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-bromo-3,7-dihydro-3,7-dimethyl- (9CI)  
 MF C7 H7 Br N4 O2  
 CI COM



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid,  
 [6-[1,2,6,7-tetrahydro-1-[(5R)-5-hydroxyhexyl]-7-methyl-2,6-  
 dioxo-3H-purin-3-yl]hexyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C23 H39 N5 O5

Absolute stereochemistry.



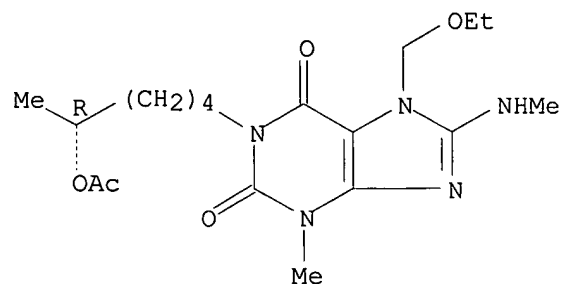
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 IN Benzene, (bromomethyl)- (9CI)  
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Ph-CH<sub>2</sub>-Br

L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-7-(ethoxymethyl)-3,7-  
 dihydro-3-methyl-8-(methylamino)- (9CI)  
 MF C18 H29 N5 O5

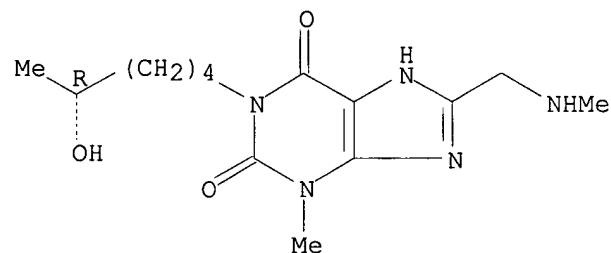
Absolute stereochemistry.





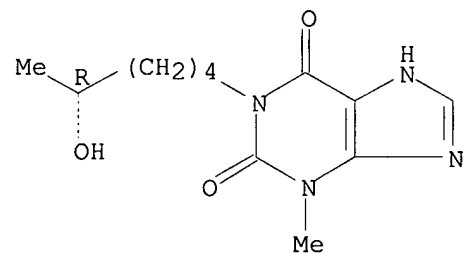
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-  
 [(methylamino)methyl]- (9CI)  
 MF C14 H23 N5 O3

Absolute stereochemistry.



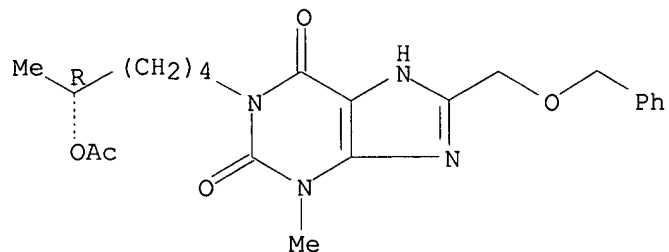
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl- (9CI)  
 MF C12 H18 N4 O3

Absolute stereochemistry.

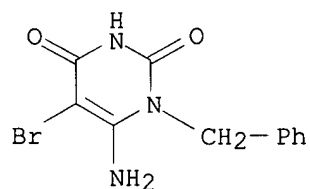


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-3-methyl-8-  
 [(phenylmethoxy)methyl]- (9CI)  
 MF C22 H28 N4 O5

Absolute stereochemistry.

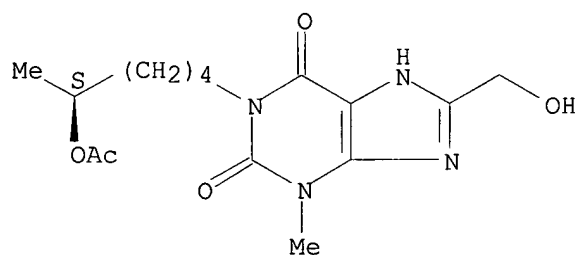


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 6-amino-5-bromo-1-(phenylmethyl)- (9CI)  
 MF C11 H10 Br N3 O2

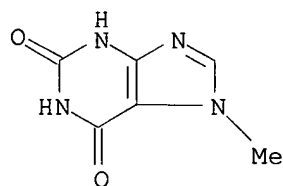


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5S)-5-(acetyloxy)hexyl]-3,7-dihydro-8-(hydroxymethyl)-3-methyl- (9CI)  
 MF C15 H22 N4 O5

Absolute stereochemistry.

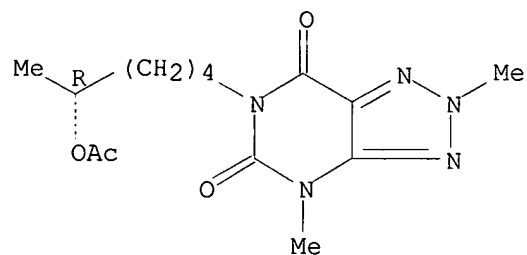


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-7-methyl- (9CI)  
 MF C6 H6 N4 O2  
 CI COM



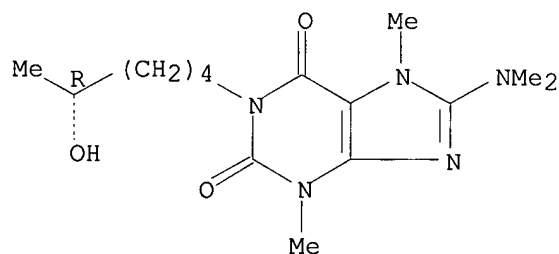
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-(acetyloxy)hexyl]-2,4-dimethyl- (9CI)  
 MF C14 H21 N5 O4

Absolute stereochemistry.



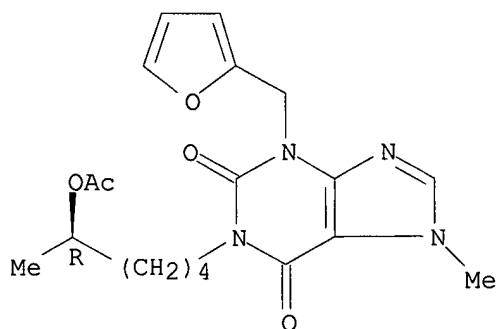
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-(dimethylamino)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-dimethyl- (9CI)  
 MF C15 H25 N5 O3

Absolute stereochemistry.



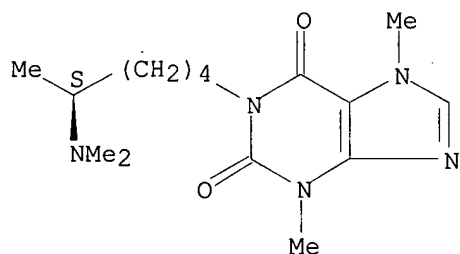
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3-(2-furanylmethyl)-3,7-dihydro-7-methyl- (9CI)  
 MF C19 H24 N4 O5

Absolute stereochemistry.

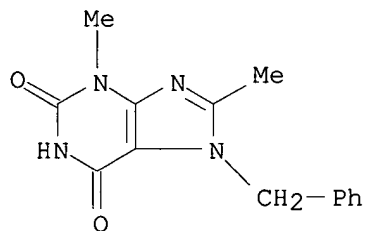


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5S)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-  
 dimethyl- (9CI)  
 MF C15 H25 N5 O2

Absolute stereochemistry.

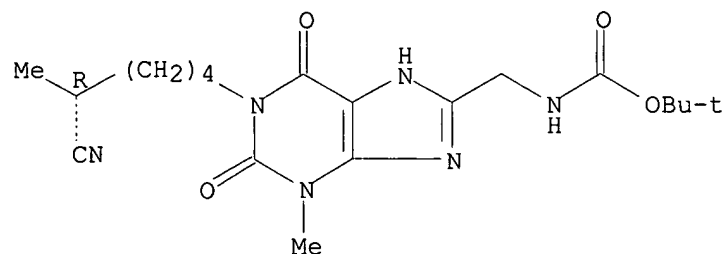


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3,8-dimethyl-7-(phenylmethyl)- (9CI)  
 MF C14 H14 N4 O2



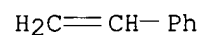
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[1-[(5R)-5-cyanoethyl]-2,3,6,7-tetrahydro-3-methyl-2,6-  
 dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C19 H28 N6 O4

Absolute stereochemistry.



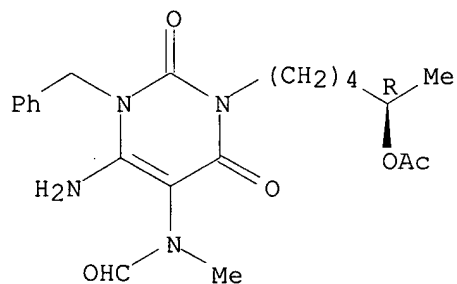
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Benzene, ethenyl-, homopolymer (9CI)  
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT  
 MF (C8 H8)x  
 CI PMS, COM

CM 1

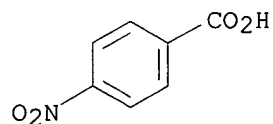


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Formamide, N-[3-[(5R)-5-(acetyloxy)hexyl]-6-amino-1,2,3,4-tetrahydro-2,4-dioxo-1-(phenylmethyl)-5-pyrimidinyl]-N-methyl- (9CI)  
 MF C21 H28 N4 O5

Absolute stereochemistry.



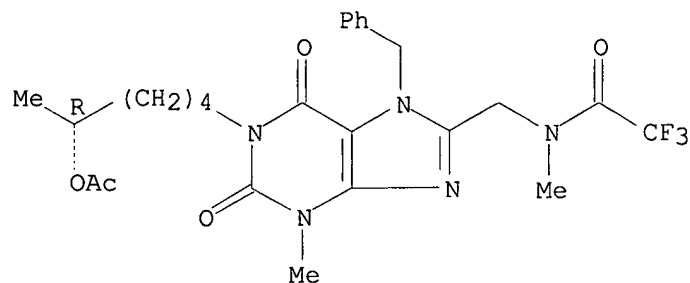
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Benzoic acid, 4-nitro- (9CI)  
 MF C7 H5 N O4  
 CI COM



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS

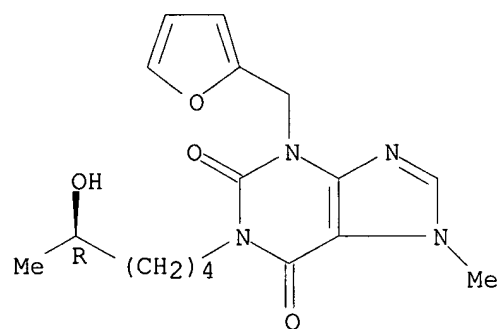
IN Acetamide,  
 N-[[1-[(5R)-5-(acetyloxy)hexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-2,2,2-trifluoro-N-methyl-  
 (9CI)  
 MF C25 H30 F3 N5 O5

Absolute stereochemistry.



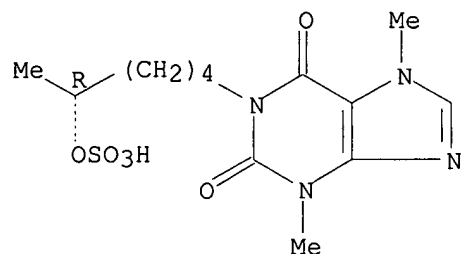
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3-(2-furanylmethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-7-methyl- (9CI)  
 MF C17 H22 N4 O4

Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3,7-dimethyl-1-[(5R)-5-(sulfooxy)hexyl]-, sodium salt (9CI)  
 MF C13 H20 N4 O6 S . Na

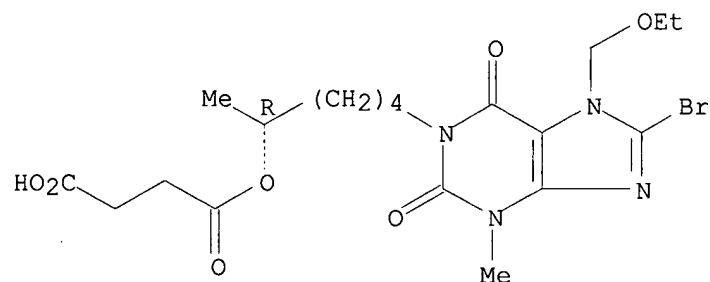
Absolute stereochemistry.



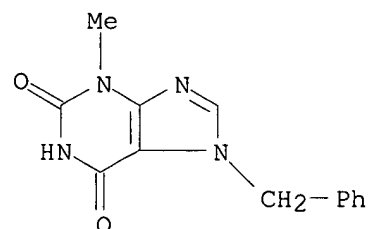
● Na

L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Butanedioic acid,  
 mono[(1R)-5-[8-bromo-7-(ethoxymethyl)-2,3,6,7-tetrahydro-  
 3-methyl-2,6-dioxo-1H-purin-1-yl]-1-methylpentyl] ester (9CI)  
 MF C19 H27 Br N4 O7

Absolute stereochemistry.

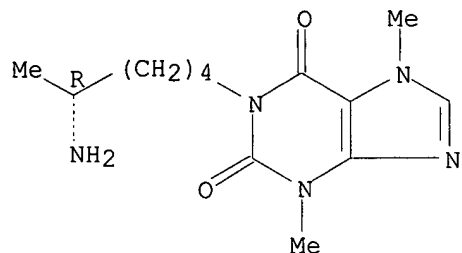


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C13 H12 N4 O2

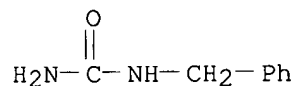


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-aminohexyl]-3,7-dihydro-3,7-dimethyl-  
 (9CI)  
 MF C13 H21 N5 O2

Absolute stereochemistry.

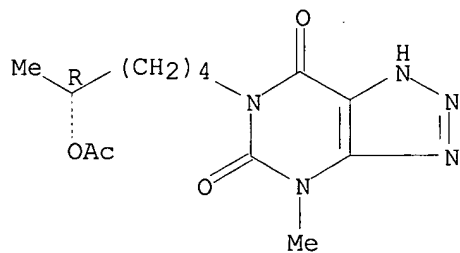


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN Urea, (phenylmethyl)- (9CI)  
MF C8 H10 N2 O  
CI COM



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 5H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H)-dione, 6-[(5R)-5-(acetyloxy)hexyl]-3,6-dihydro-4-methyl- (9CI)  
MF C13 H19 N5 O4

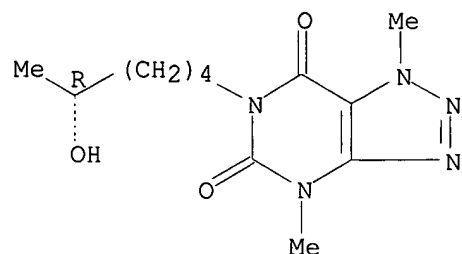
Absolute stereochemistry.



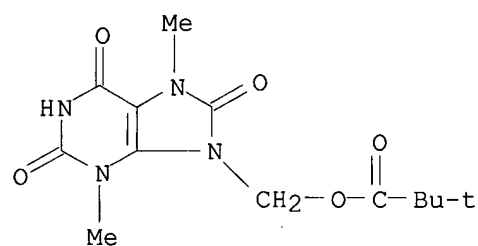
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-hydroxyhexyl]-1,4-dimethyl- (9CI)  
MF C12 H19 N5 O3

Absolute stereochemistry.



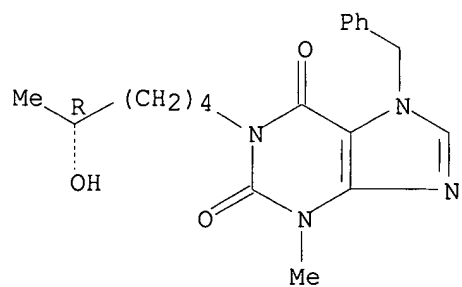


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Propanoic acid, 2,2-dimethyl-, (1,2,3,6,7,8-hexahydro-3,7-dimethyl-2,6,8-trioxo-9H-purin-9-yl)methyl ester (9CI)  
 MF C13 H18 N4 O5



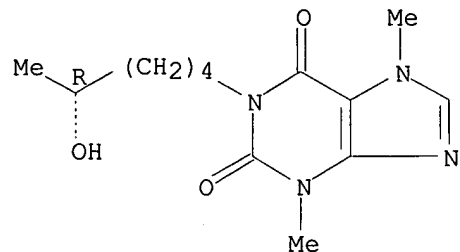
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C19 H24 N4 O3

Absolute stereochemistry.



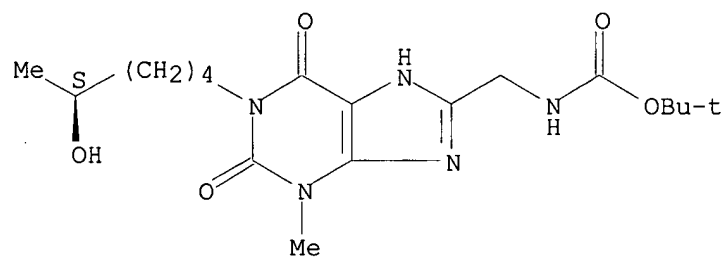
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-dimethyl- (9CI)  
 MF C13 H20 N4 O3

Absolute stereochemistry.

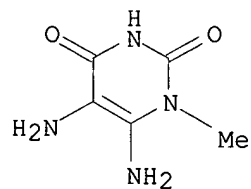


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-2,6-dioxo-1H-purin-8-yl)methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C18 H29 N5 O5

Absolute stereochemistry.

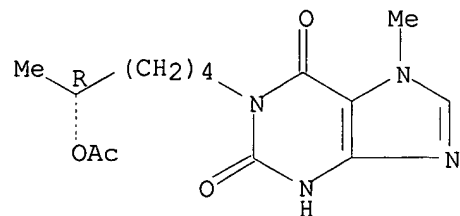


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 5,6-diamino-1-methyl- (9CI)  
 MF C5 H8 N4 O2  
 CI COM



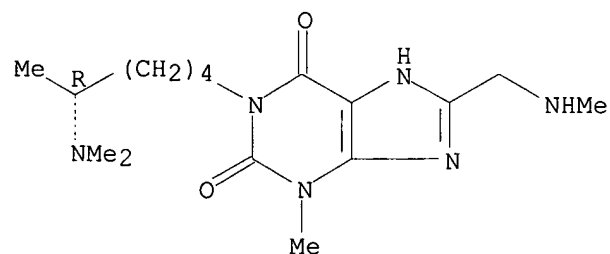
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-7-methyl- (9CI)  
 MF C14 H20 N4 O4

Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3-methyl-  
 8-[(methylamino)methyl]- (9CI)  
 MF C16 H28 N6 O2

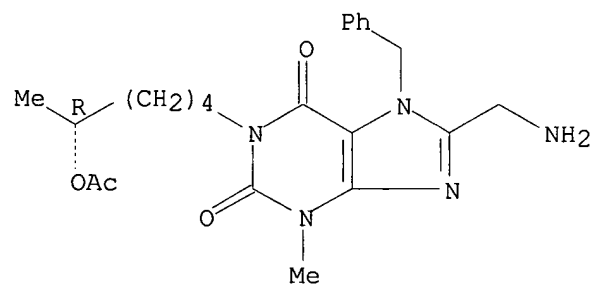
Absolute stereochemistry.



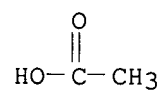
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-8-(aminomethyl)-3,7-  
 dihydro-3-methyl-7-(phenylmethyl)-, monoacetate (9CI)  
 MF C22 H29 N5 O4 . C2 H4 O2

CM 1

Absolute stereochemistry.

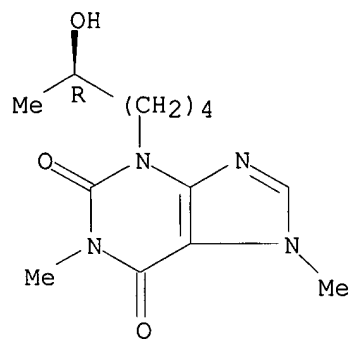


CM 2



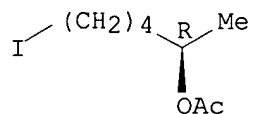
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3-[(5R)-5-hydroxyhexyl]-1,7-dimethyl-  
 (9CI)  
 MF C13 H20 N4 O3

Absolute stereochemistry.



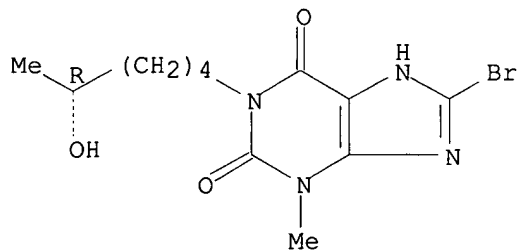
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2-Hexanol, 6-iodo-, acetate, (2R)- (9CI)  
 MF C8 H15 I O2

Absolute stereochemistry.

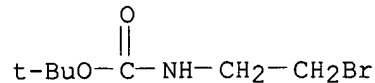


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-bromo-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-  
 (9CI)  
 MF C12 H17 Br N4 O3

Absolute stereochemistry.

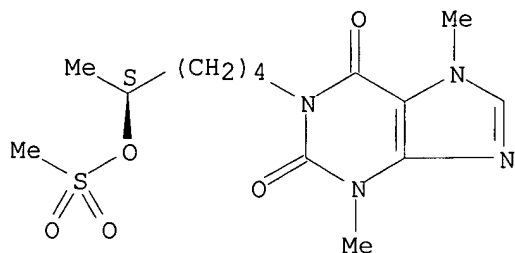


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, (2-bromoethyl)-, 1,1-dimethylethyl ester (9CI)  
 MF C7 H14 Br N O2

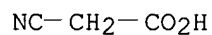


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3,7-dimethyl-1-[(5S)-5-  
 [(methylsulfonyl)oxy]hexyl]- (9CI)  
 MF C14 H22 N4 O5 S

Absolute stereochemistry.

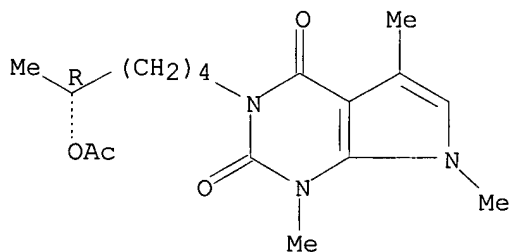


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetic acid, cyano- (6CI, 8CI, 9CI)  
 MF C3 H3 N O2  
 CI COM



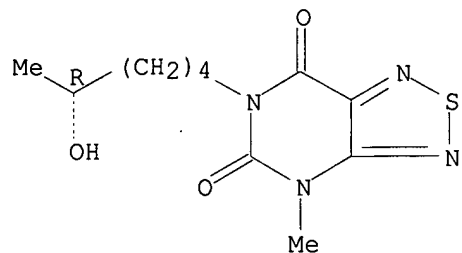
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Pyrrolo[2,3-d]pyrimidine-2,4(3H)-dione,  
 3-[(5R)-5-(acetyloxy)hexyl]-1,7-  
 dihydro-1,5,7-trimethyl- (9CI)  
 MF C17 H25 N3 O4

Absolute stereochemistry.



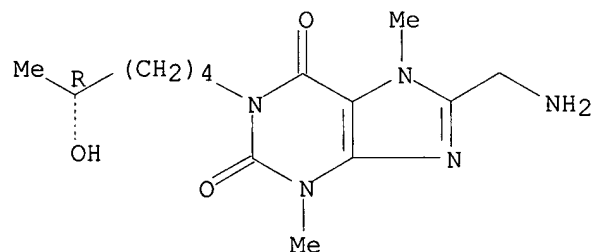
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN [1,2,5]Thiadiazolo[3,4-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-  
 hydroxyhexyl]-4-methyl- (9CI)  
 MF C11 H16 N4 O3 S

Absolute stereochemistry.



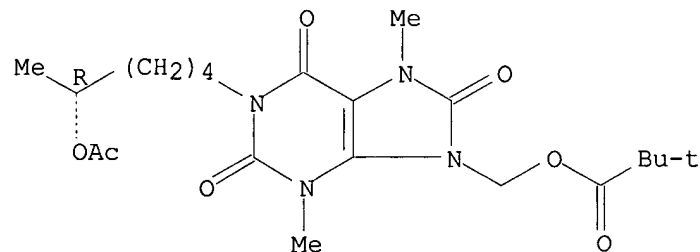
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-Purine-2,6-dione, 8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-  
3,7-dimethyl- (9CI)  
MF C14 H23 N5 O3

Absolute stereochemistry.

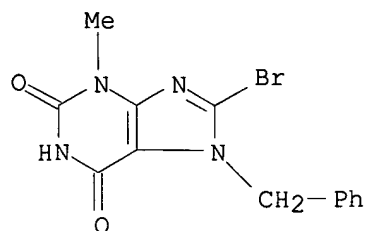


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN Propanoic acid, 2,2-dimethyl-, [1-[(5R)-5-(acetyloxy)hexyl]-1,2,3,6,7,8-  
hexahydro-3,7-dimethyl-2,6,8-trioxo-9H-purin-9-yl]methyl ester (9CI)  
MF C21 H32 N4 O7

Absolute stereochemistry.

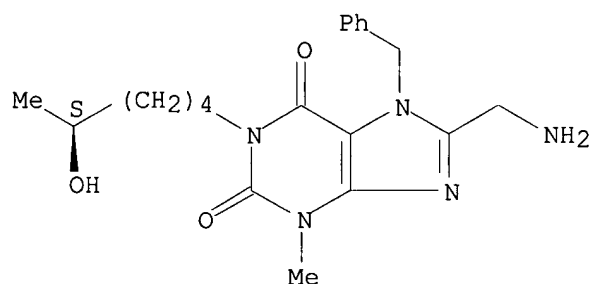


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-Purine-2,6-dione, 8-bromo-3,7-dihydro-3-methyl-7-(phenylmethyl)- (9CI)  
MF C13 H11 Br N4 O2



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-(aminomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
 methyl-7-(phenylmethyl)- (9CI)  
 MF C20 H27 N5 O3

Absolute stereochemistry.

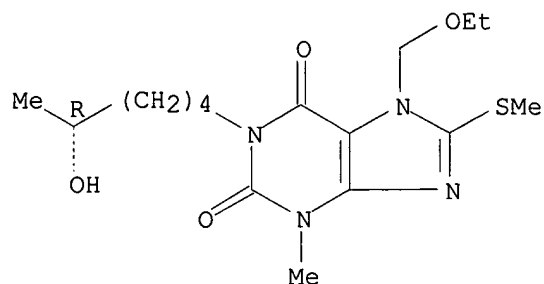


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1-Hexanol, 6-amino- (6CI, 8CI, 9CI)  
 MF C6 H15 N O  
 CI COM

$\text{H}_2\text{N}-(\text{CH}_2)_6-\text{OH}$

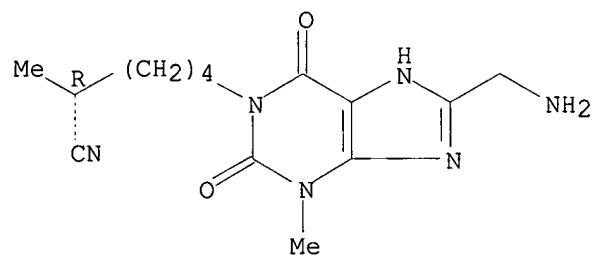
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 7-(ethoxymethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-  
 3-methyl-8-(methylthio)- (9CI)  
 MF C16 H26 N4 O4 S

Absolute stereochemistry.



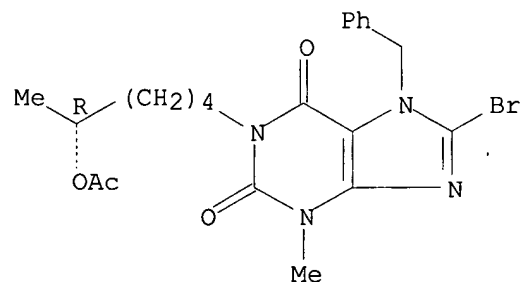
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-1-hexanenitrile, 8-(aminomethyl)-2,3,6,7-tetrahydro-.alpha.,3-  
 dimethyl-2,6-dioxo-, (.alpha.R)- (9CI)  
 MF C14 H20 N6 O2

Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-8-bromo-3,7-dihydro-3-  
 methyl-7-(phenylmethyl)- (9CI)  
 MF C21 H25 Br N4 O4

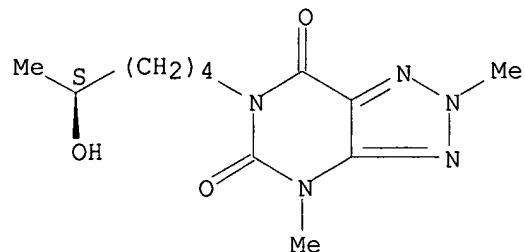
Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5S)-5-  
 hydroxyhexyl]-2,4-dimethyl- (9CI)  
 MF C12 H19 N5 O3

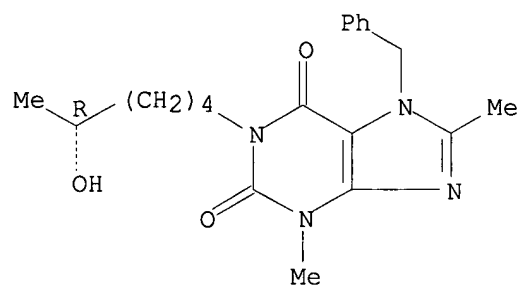
Absolute stereochemistry.





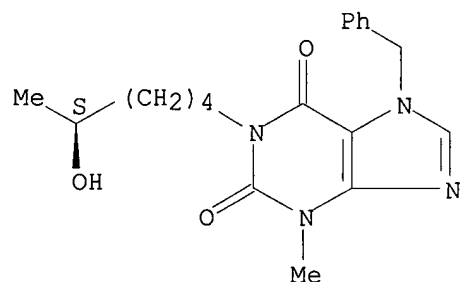
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,8-dimethyl-7-(phenylmethyl)- (9CI)  
 MF C20 H26 N4 O3

Absolute stereochemistry.

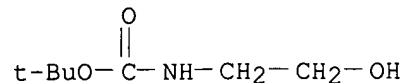


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C19 H24 N4 O3

Absolute stereochemistry.

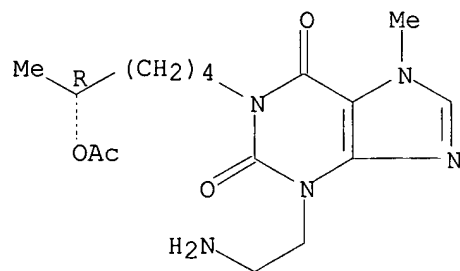


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, (2-hydroxyethyl)-, 1,1-dimethylethyl ester (9CI)  
 MF C7 H15 N O3

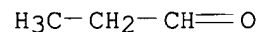


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3-(2-aminoethyl)-3,7-dihydro-7-methyl- (9CI)  
 MF C16 H25 N5 O4

Absolute stereochemistry.

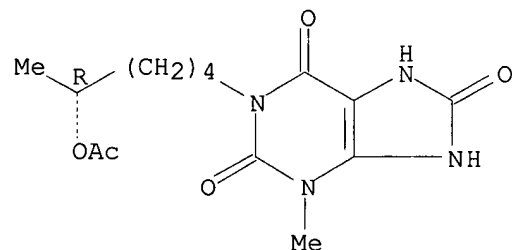


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Propanal (9CI)  
 MF C3 H6 O  
 CI COM



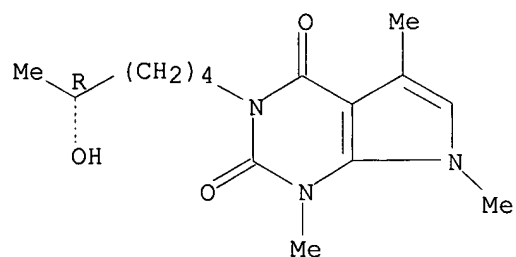
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6,8(3H)-trione, 1-[(5R)-5-(acetyloxy)hexyl]-7,9-dihydro-3-methyl- (9CI)  
 MF C14 H20 N4 O5

Absolute stereochemistry.



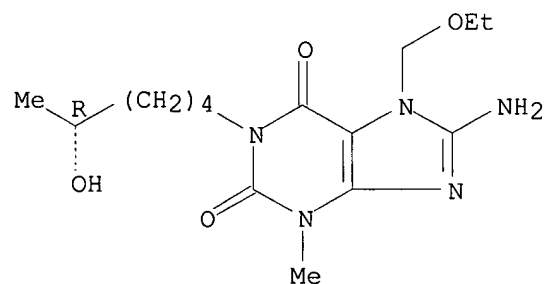
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Pyrrolo[2,3-d]pyrimidine-2,4(3H,7H)-dione, 3-[(5R)-5-hydroxyhexyl]-1,5,7-trimethyl- (9CI)  
 MF C15 H23 N3 O3

Absolute stereochemistry.



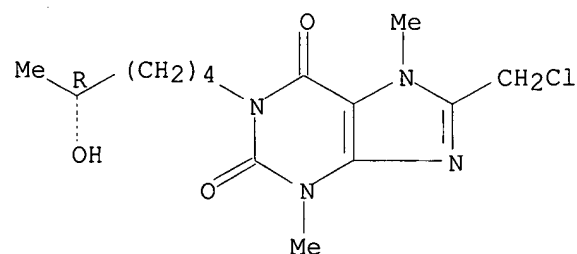
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-Purine-2,6-dione, 8-amino-7-(ethoxymethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl- (9CI)  
MF C15 H25 N5 O4

Absolute stereochemistry.

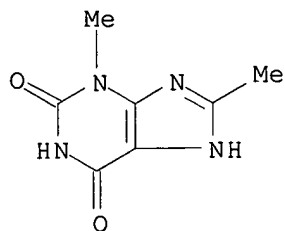


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-Purine-2,6-dione, 8-(chloromethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-dimethyl- (9CI)  
MF C14 H21 Cl N4 O3

Absolute stereochemistry.

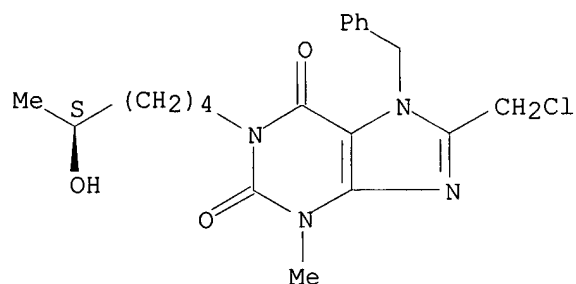


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 1H-Purine-2,6-dione, 3,7-dihydro-3,8-dimethyl- (9CI)  
MF C7 H8 N4 O2  
CI COM

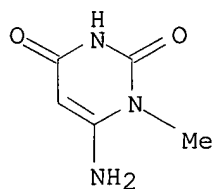


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-(chloromethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-  
 3-methyl-7-(phenylmethyl)- (9CI)  
 MF C20 H25 Cl N4 O3

Absolute stereochemistry.

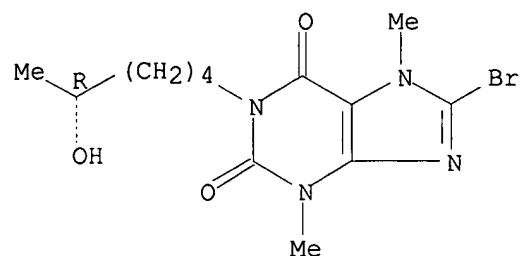


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 6-amino-1-methyl- (9CI)  
 MF C5 H7 N3 O2  
 CI COM



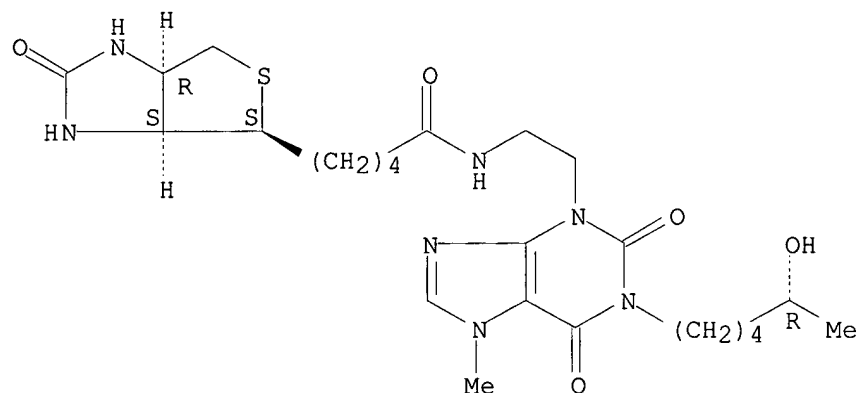
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-bromo-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-  
 dimethyl- (9CI)  
 MF C13 H19 Br N4 O3

Absolute stereochemistry.



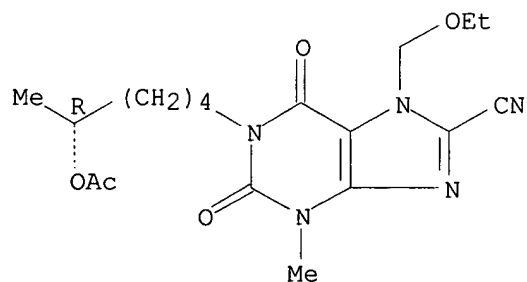
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[2-[1,2,6,7-tetrahydro-1-[(5R)-5-hydroxyhexyl]-7-methyl-2,6-dioxo-3H-purin-3-yl]ethyl]-, (3aS,4S,6aR)- (9CI)  
 MF C24 H37 N7 O5 S

Absolute stereochemistry.



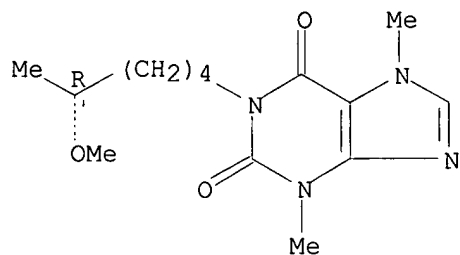
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-8-carbonitrile, 1-[(5R)-5-(acetyloxy)hexyl]-7-(ethoxymethyl)-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo- (9CI)  
 MF C18 H25 N5 O5

Absolute stereochemistry.



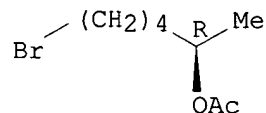
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-methoxyhexyl]-3,7-dimethyl-  
 (9CI)  
 MF C14 H22 N4 O3

Absolute stereochemistry.



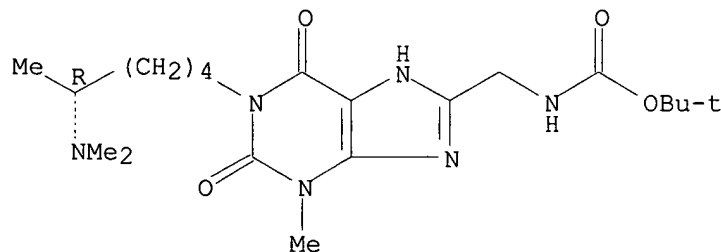
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2-Hexanol, 6-bromo-, acetate, (2R)- (9CI)  
 MF C8 H15 Br O2

Absolute stereochemistry.

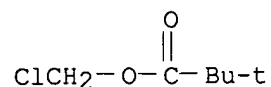


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[1-[(5R)-5-(dimethylamino)hexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C20 H34 N6 O4

Absolute stereochemistry.

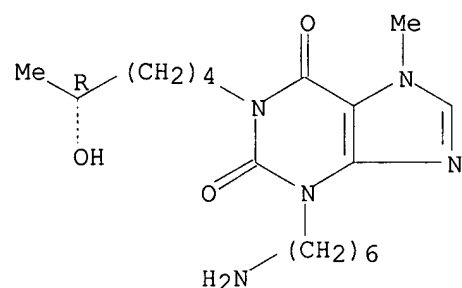


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Propanoic acid, 2,2-dimethyl-, chloromethyl ester (9CI)  
 MF C6 H11 Cl O2

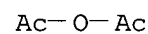


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 3-(6-aminohexyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-  
 7-methyl- (9CI)  
 MF C18 H31 N5 O3  
 CI COM

Absolute stereochemistry.

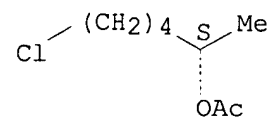


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetic acid, anhydride (9CI)  
 MF C4 H6 O3  
 CI COM



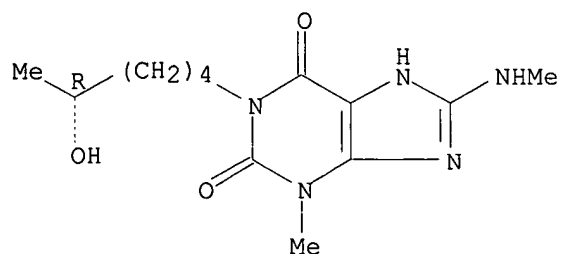
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2-Hexanol, 6-chloro-, acetate, (2S)- (9CI)  
 MF C8 H15 Cl O2

Absolute stereochemistry.



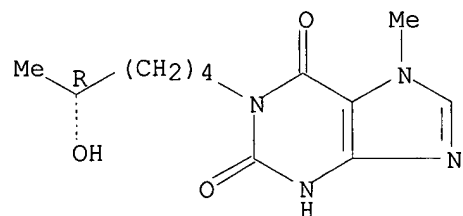
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-  
 (methylamino)- (9CI)  
 MF C13 H21 N5 O3

Absolute stereochemistry.



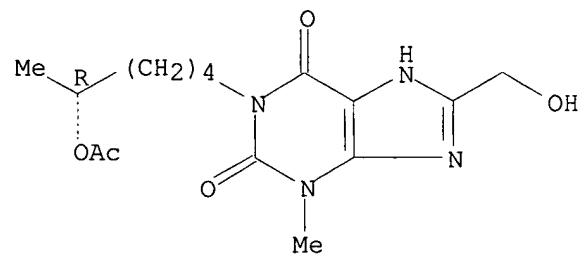
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-7-methyl- (9CI)  
 MF C12 H18 N4 O3

Absolute stereochemistry.



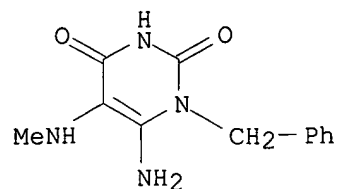
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-8-(hydroxymethyl)-3-methyl- (9CI)  
 MF C15 H22 N4 O5

Absolute stereochemistry.



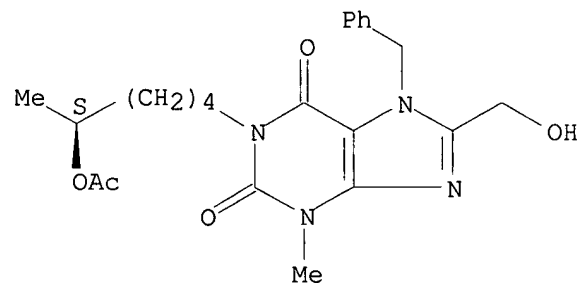
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 6-amino-5-(methylamino)-1-(phenylmethyl)- (9CI)  
 MF C12 H14 N4 O2



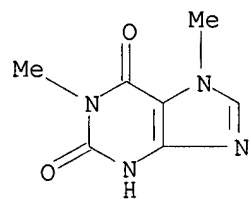


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5S)-5-(acetyloxy)hexyl]-3,7-dihydro-8-(hydroxymethyl)-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C22 H28 N4 O5

Absolute stereochemistry.

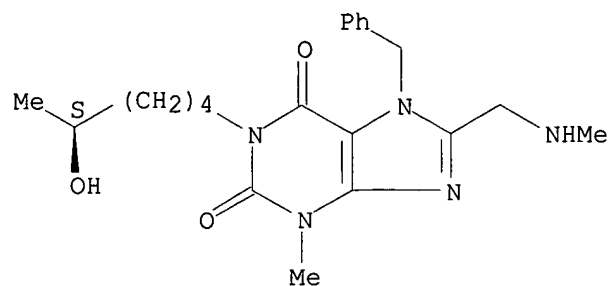


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1,7-dimethyl- (9CI)  
 MF C7 H8 N4 O2  
 CI COM



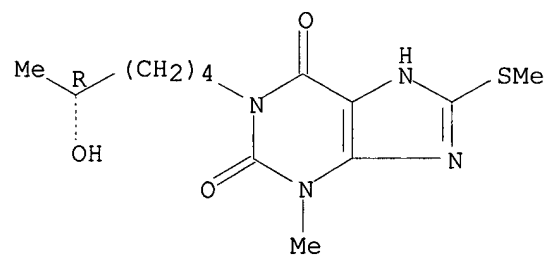
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-(acetyloxy)hexyl]-3-methyl-8-[(methylamino)methyl]-7-(phenylmethyl)- (9CI)  
 MF C21 H29 N5 O3

Absolute stereochemistry.

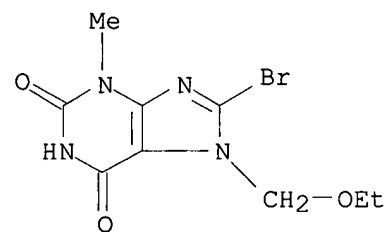


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-(methylthio)- (9CI)  
 MF C13 H20 N4 O3 S

Absolute stereochemistry.

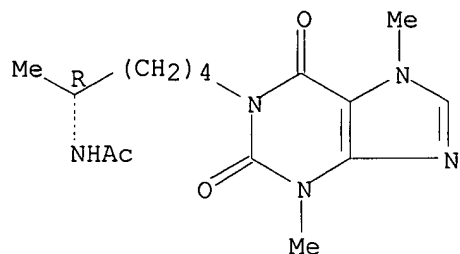


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-bromo-7-(ethoxymethyl)-3,7-dihydro-3-methyl- (9CI)  
 MF C9 H11 Br N4 O3

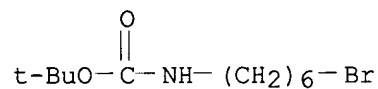


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetamide, N-[(1R)-1-methyl-5-(2,3,6,7-tetrahydro-3,7-dimethyl-2,6-dioxo-1H-purin-1-yl)pentyl]- (9CI)  
 MF C15 H23 N5 O3

Absolute stereochemistry.

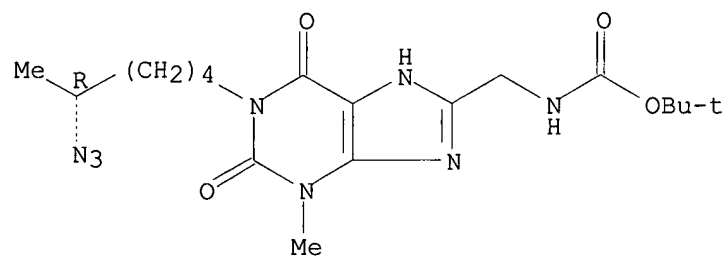


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, (6-bromohexyl)-, 1,1-dimethylethyl ester (9CI)  
 MF C11 H22 Br N O2

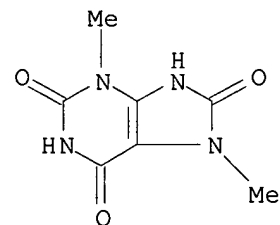


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[1-[(5R)-5-azidoheptyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C18 H28 N8 O4

Absolute stereochemistry.



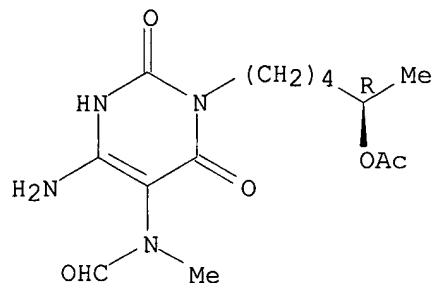
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6,8(3H)-trione, 7,9-dihydro-3,7-dimethyl- (9CI)  
 MF C7 H8 N4 O3



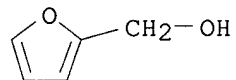
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN Formamide, N-[3-[(5R)-5-(acetyloxy)hexyl]-6-amino-1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl]-N-methyl- (9CI)  
 MF C14 H22 N4 O5

Absolute stereochemistry.

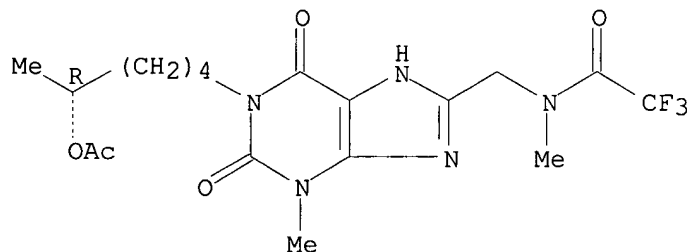


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2-Furanmethanol (9CI)  
 MF C5 H6 O2  
 CI COM



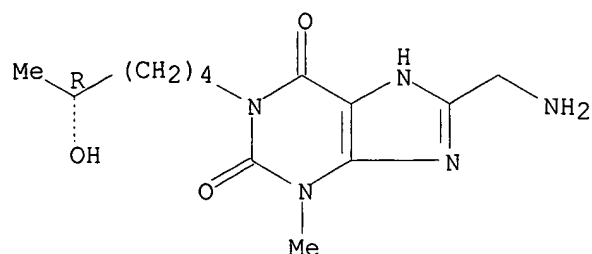
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetamide,  
 N-[[1-[(5R)-5-(acetyloxy)hexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl]methyl]-2,2,2-trifluoro-N-methyl- (9CI)  
 MF C18 H24 F3 N5 O5

Absolute stereochemistry.



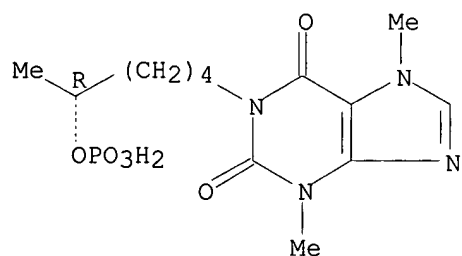
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-(aminomethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl- (9CI)  
 MF C13 H21 N5 O3

Absolute stereochemistry.



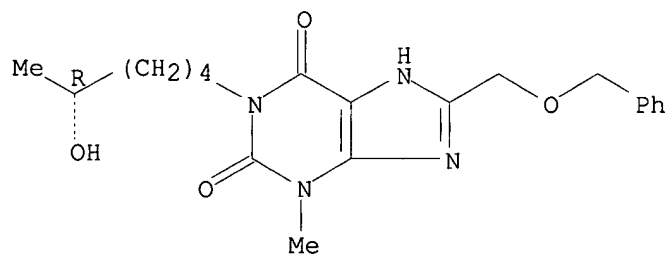
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3,7-dimethyl-1-[(5R)-5-(  
 phosphonooxy)hexyl]- (9CI)  
 MF C13 H21 N4 O6 P

Absolute stereochemistry.

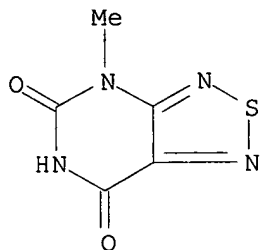


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-8-  
 [(phenylmethoxy)methyl]- (9CI)  
 MF C20 H26 N4 O4

Absolute stereochemistry.

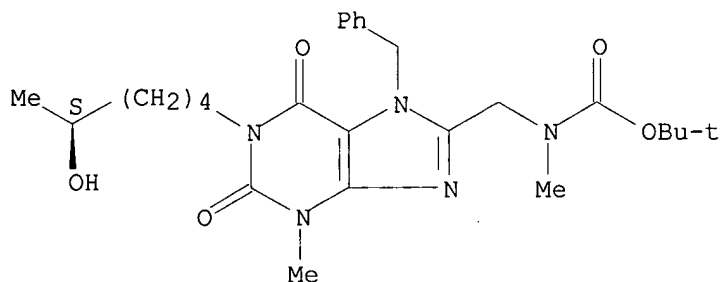


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN [1,2,5]Thiadiazolo[3,4-d]pyrimidine-5,7(4H,6H)-dione, 4-methyl- (6CI,  
 7CI,  
 9CI)  
 MF C5 H4 N4 O2 S

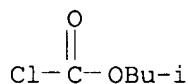


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid,  
 methyl[[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-  
 2,6-dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl  
 ester  
 (9CI)  
 MF C26 H37 N5 O5

Absolute stereochemistry.

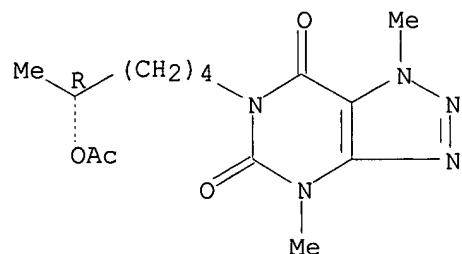


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbonochloridic acid, 2-methylpropyl ester (9CI)  
 MF C5 H9 Cl O2



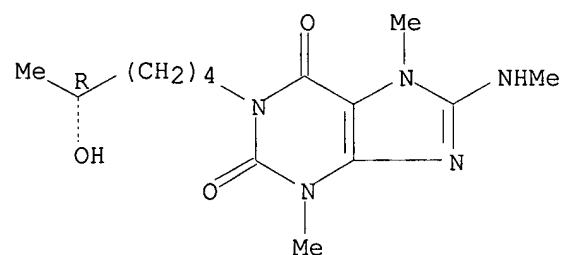
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-(  
 acetyloxy)hexyl]-1,4-dimethyl- (9CI)  
 MF C14 H21 N5 O4

Absolute stereochemistry.

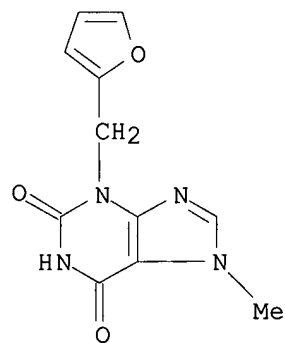


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-dimethyl-8-(methylamino)- (9CI)  
 MF C14 H23 N5 O3

Absolute stereochemistry.

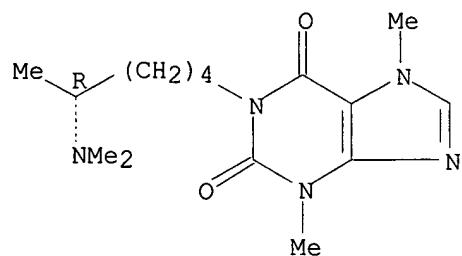


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3-(2-furanylmethyl)-3,7-dihydro-7-methyl- (9CI)  
 MF C11 H10 N4 O3

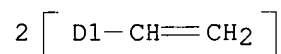


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(dimethylamino)hexyl]-3,7-dihydro-3,7-dimethyl- (9CI)  
 MF C15 H25 N5 O2

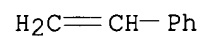
Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Oxirane, polymer with diethenylbenzene and ethenylbenzene, graft (9CI)  
 MF (C10 H10 . C8 H8 . C2 H4 O)x  
 CI PMS, COM  
 CM 1



CM 2



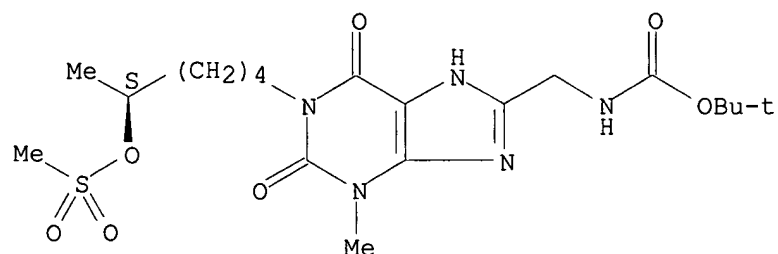
CM 3



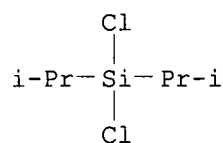
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[2,3,6,7-tetrahydro-3-methyl-1-[(5S)-5-  
 [(methylsulfonyl)oxy]hexyl]-2,6-dioxo-1H-purin-8-yl)methyl]-,  
 1,1-dimethylethyl ester (9CI)  
 MF C19 H31 N5 O7 S

Absolute stereochemistry.



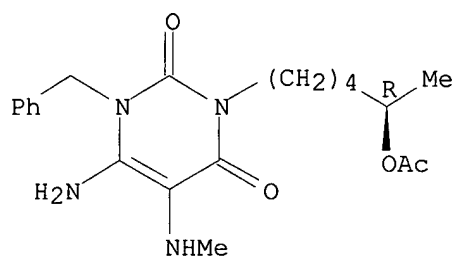


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Silane, dichlorobis(1-methylethyl)- (9CI)  
 MF C6 H14 Cl2 Si  
 CI COM



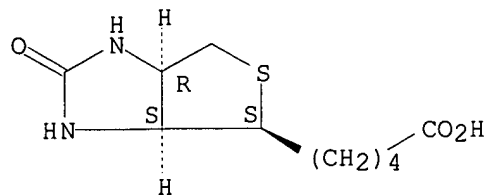
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 3-[(5R)-5-(acetyloxy)hexyl]-6-amino-5-(methylamino)-1-(phenylmethyl)- (9CI)  
 MF C20 H28 N4 O4

Absolute stereochemistry.



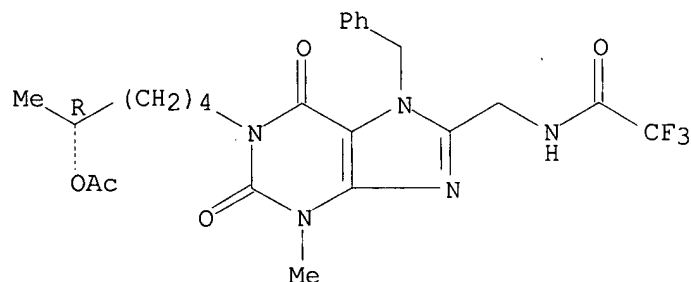
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-, (3aS,4S,6aR)- (9CI)  
 MF C10 H16 N2 O3 S  
 CI COM

Absolute stereochemistry. Rotation (+).



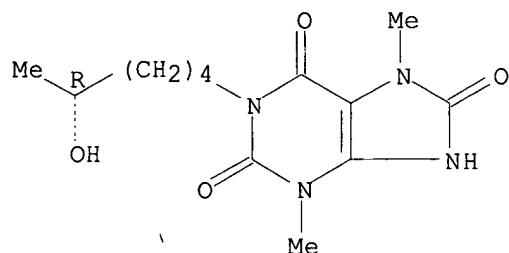
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetamide,  
 N-[[1-[(5R)-5-(acetyloxy)hexyl]-2,3,6,7-tetrahydro-3-methyl-2,6-  
 dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-2,2,2-trifluoro- (9CI)  
 MF C24 H28 F3 N5 O5

Absolute stereochemistry.



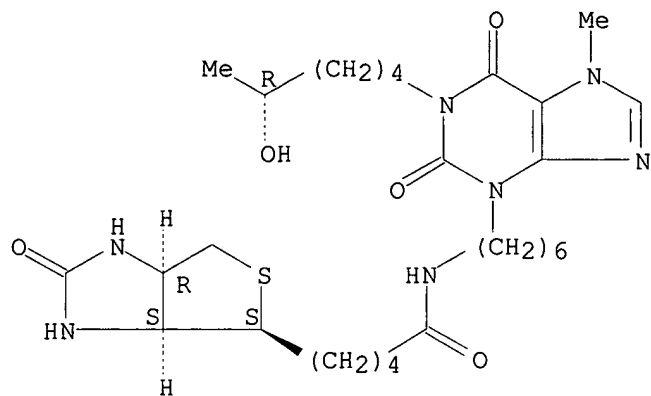
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6,8(3H)-trione, 7,9-dihydro-1-[(5R)-5-hydroxyhexyl]-3,7-  
 dimethyl- (9CI)  
 MF C13 H20 N4 O4

Absolute stereochemistry.



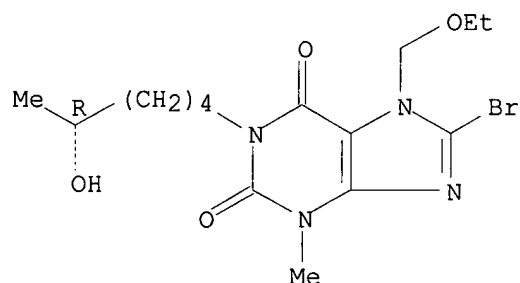
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[6-[1,2,6,7-  
 tetrahydro-1-[(5R)-5-hydroxyhexyl]-7-methyl-2,6-dioxo-3H-purin-3-yl]hexyl]-  
 , (3aS,4S,6aR)- (9CI)  
 MF C28 H45 N7 O5 S

Absolute stereochemistry.

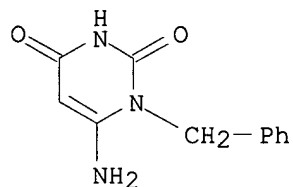


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-bromo-7-(ethoxymethyl)-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl- (9CI)  
 MF C15 H23 Br N4 O4

Absolute stereochemistry.

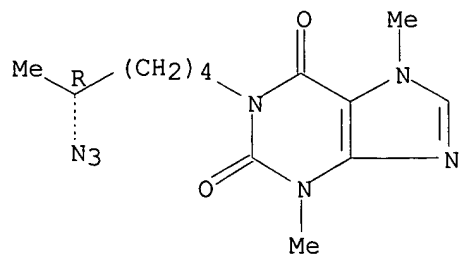


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,4(1H,3H)-Pyrimidinedione, 6-amino-1-(phenylmethyl)- (9CI)  
 MF C11 H11 N3 O2

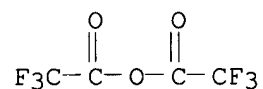


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-azidoethyl]-3,7-dihydro-3,7-dimethyl- (9CI)  
 MF C13 H19 N7 O2

Absolute stereochemistry.

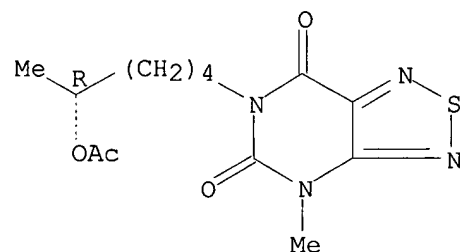


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetic acid, trifluoro-, anhydride (6CI, 8CI, 9CI)  
 MF C4 F6 O3  
 CI COM



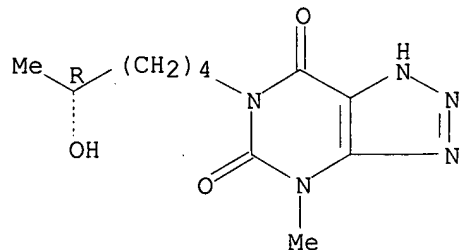
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN [1,2,5]Thiadiazolo[3,4-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-(acetyloxy)hexyl]-4-methyl- (9CI)  
 MF C13 H18 N4 O4 S

Absolute stereochemistry.

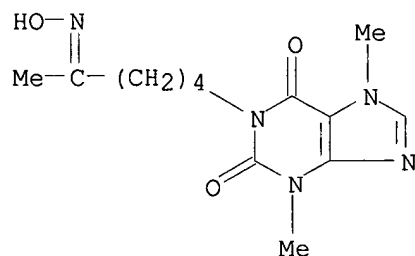


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-hydroxyhexyl]-4-methyl- (9CI)  
 MF C11 H17 N5 O3

Absolute stereochemistry.

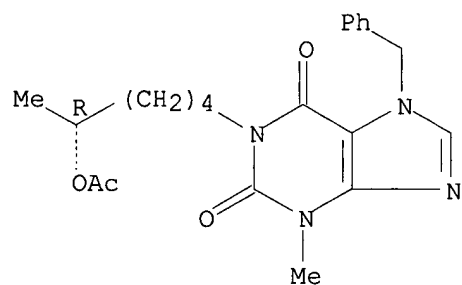


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[5-(hydroxyimino)hexyl]-3,7-dimethyl-  
 (9CI)  
 MF C13 H19 N5 O3



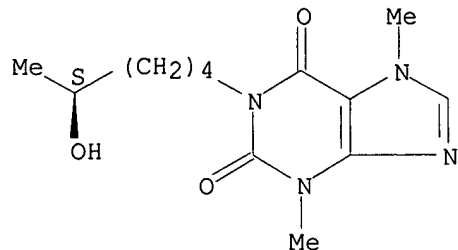
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-3-methyl-7-  
 (phenylmethyl)- (9CI)  
 MF C21 H26 N4 O4

Absolute stereochemistry.



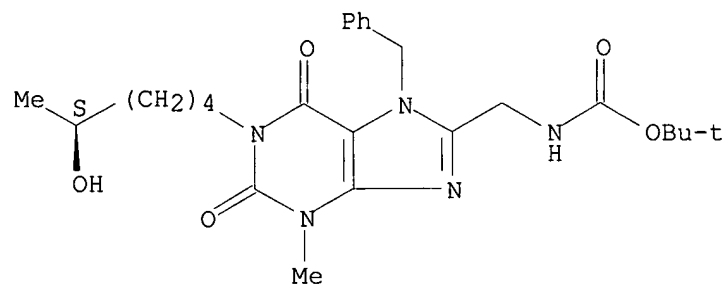
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3,7-dimethyl-  
 (9CI)  
 MF C13 H20 N4 O3

Absolute stereochemistry.

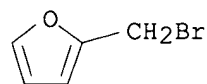


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid, [[2,3,6,7-tetrahydro-1-[(5S)-5-hydroxyhexyl]-3-methyl-2,6-dioxo-7-(phenylmethyl)-1H-purin-8-yl]methyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C25 H35 N5 O5

Absolute stereochemistry.

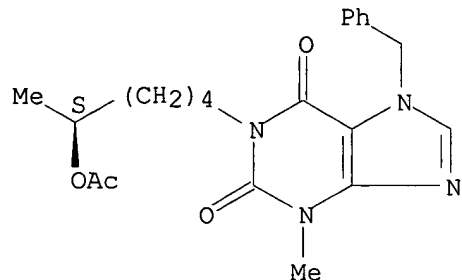


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Furan, 2-(bromomethyl)- (8CI, 9CI)  
 MF C5 H5 Br O



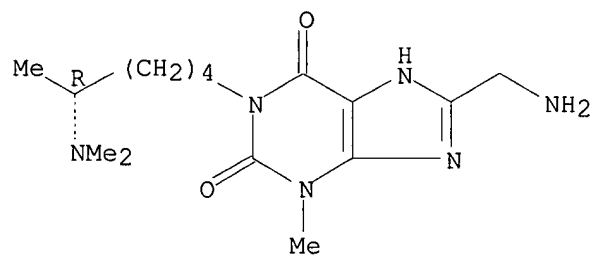
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5S)-5-(acetyloxy)hexyl]-3,7-dihydro-3-methyl-7-(phenylmethyl)- (9CI)  
 MF C21 H26 N4 O4

Absolute stereochemistry.



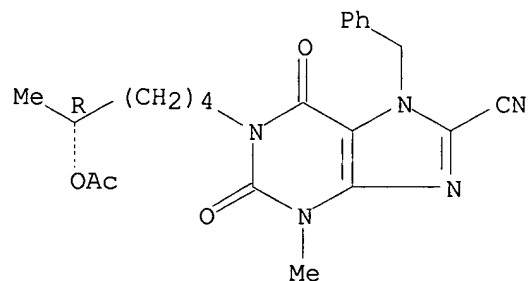
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 8-(aminomethyl)-1-[(5R)-5-(dimethylamino)hexyl]-3,7-  
 dihydro-3-methyl- (9CI)  
 MF C15 H26 N6 O2

Absolute stereochemistry.

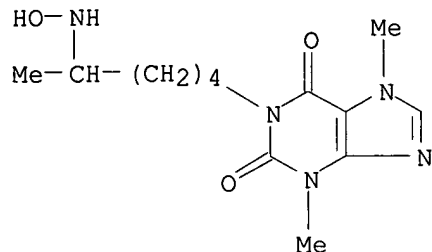


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-8-carbonitrile,  
 1-[(5R)-5-(acetyloxy)hexyl]-2,3,6,7-tetrahydro-3-  
 methyl-2,6-dioxo-7-(phenylmethyl)- (9CI)  
 MF C22 H25 N5 O4

Absolute stereochemistry.

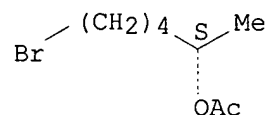


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[5-(hydroxyamino)hexyl]-3,7-dimethyl-  
 (9CI)  
 MF C13 H21 N5 O3



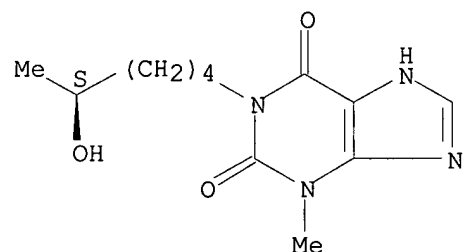
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2-Hexanol, 6-bromo-, acetate, (2S)- (9CI)  
 MF C8 H15 Br O2

Absolute stereochemistry.

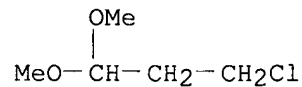


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-methyl- (9CI)  
 MF C12 H18 N4 O3

Absolute stereochemistry.



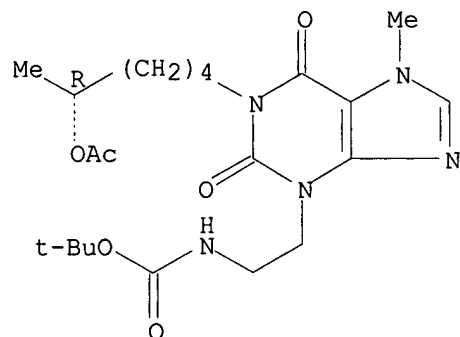
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Propane, 3-chloro-1,1-dimethoxy- (9CI)  
 MF C5 H11 Cl O2



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Carbamic acid,  
 [2-[1-[(5R)-5-(acetyloxy)hexyl]-1,2,6,7-tetrahydro-7-methyl-  
 2,6-dioxo-3H-purin-3-yl]ethyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C21 H33 N5 O6



Absolute stereochemistry.

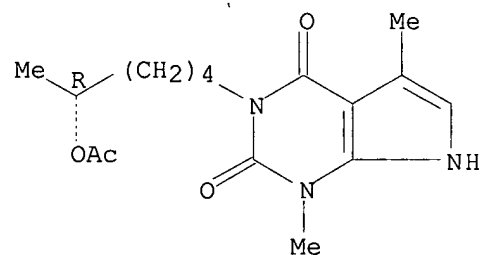


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Ethanol, 2-amino- (8CI, 9CI)  
 MF C2 H7 N O  
 CI COM

$\text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{OH}$

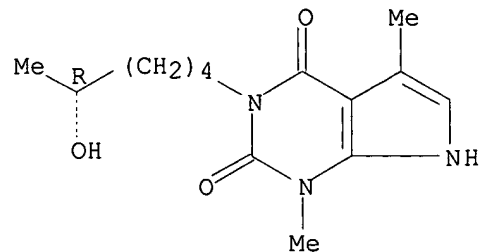
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Pyrrolo[2,3-d]pyrimidine-2,4(3H)-dione,  
 3-[(5R)-5-(acetyloxy)hexyl]-1,7-  
 dihydro-1,5-dimethyl- (9CI)  
 MF C16 H23 N3 O4

Absolute stereochemistry.



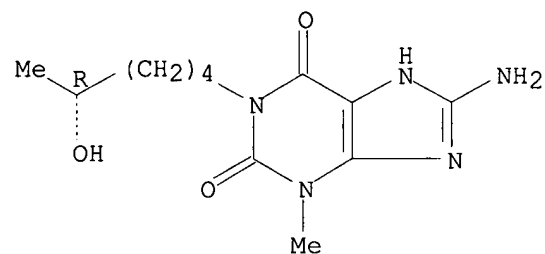
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Pyrrolo[2,3-d]pyrimidine-2,4(3H,7H)-dione,  
 3-[(5R)-5-hydroxyhexyl]-1,5-  
 dimethyl- (9CI)  
 MF C14 H21 N3 O3

Absolute stereochemistry.



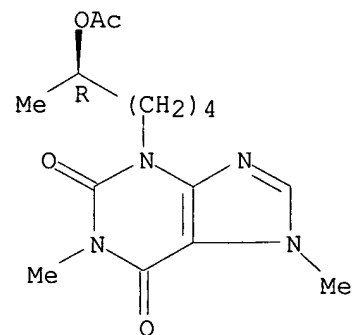
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-amino-3,7-dihydro-1-[(5R)-5-hydroxyhexyl]-3-methyl-  
 (9CI)  
 MF C12 H19 N5 O3

Absolute stereochemistry.



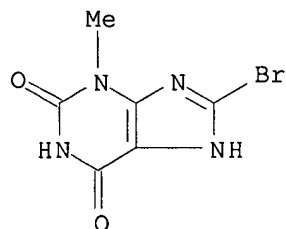
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 3-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-1,7-dimethyl-  
 (9CI)  
 MF C15 H22 N4 O4

Absolute stereochemistry.



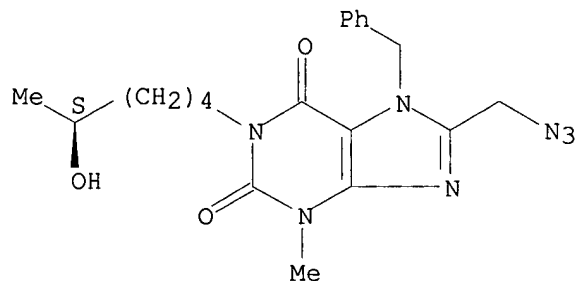
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN 1H-Purine-2,6-dione, 8-bromo-3,7-dihydro-3-methyl- (9CI)  
 MF C6 H5 Br N4 O2  
 CI COM

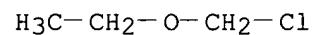


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione,  
 8-(azidomethyl)-3,7-dihydro-1-[(5S)-5-hydroxyhexyl]-3-  
 methyl-7-(phenylmethyl)- (9CI)  
 MF C20 H25 N7 O3

Absolute stereochemistry.

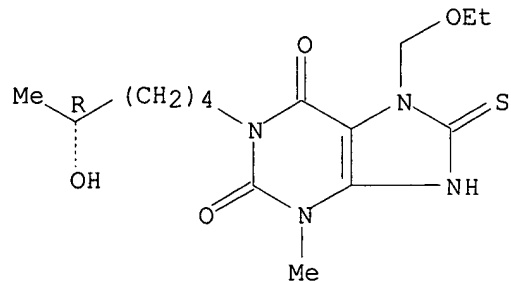


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Ethane, (chloromethoxy)- (9CI)  
 MF C3 H7 Cl O  
 CI COM



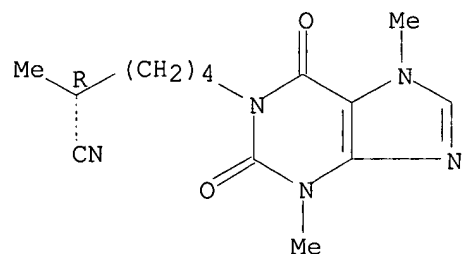
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 7-(ethoxymethyl)-3,7,8,9-tetrahydro-1-[(5R)-5-  
 hydroxyhexyl]-3-methyl-8-thioxo- (9CI)  
 MF C15 H24 N4 O4 S

Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-1-hexanenitrile, 2,3,6,7-tetrahydro-.alpha.,3,7-trimethyl-2,6-  
 dioxo-, (.alpha.R)- (9CI)  
 MF C14 H19 N5 O2

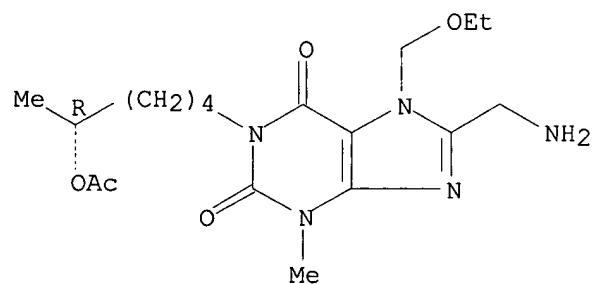
Absolute stereochemistry.



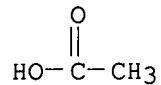
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-8-(aminomethyl)-7-  
 (ethoxymethyl)-3,7-dihydro-3-methyl-, monoacetate (9CI)  
 MF C18 H29 N5 O5 . C2 H4 O2

CM 1

Absolute stereochemistry.

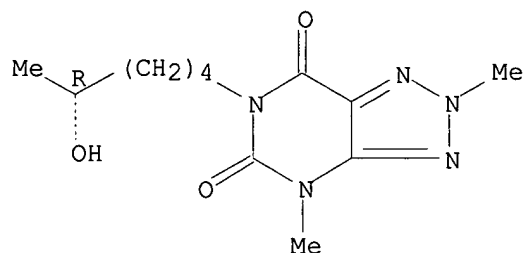


CM 2



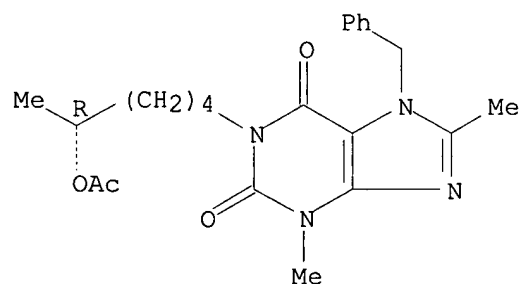
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2H-1,2,3-Triazolo[4,5-d]pyrimidine-5,7(4H,6H)-dione, 6-[(5R)-5-hydroxyhexyl]-2,4-dimethyl- (9CI)  
 MF C12 H19 N5 O3

Absolute stereochemistry.



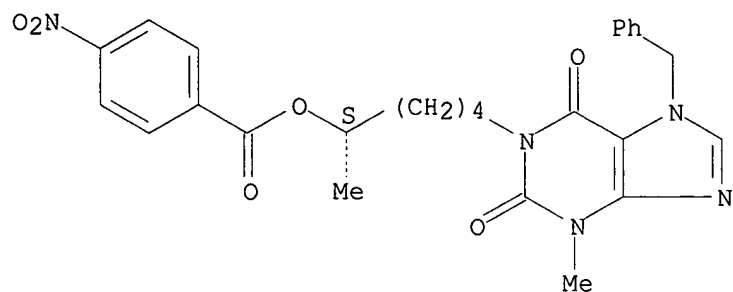
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 1-[(5R)-5-(acetyloxy)hexyl]-3,7-dihydro-3,8-dimethyl-7-(phenylmethyl)- (9CI)  
 MF C22 H28 N4 O4

Absolute stereochemistry.

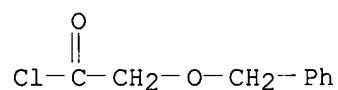


L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Purine-2,6-dione, 3,7-dihydro-3-methyl-1-[(5S)-5-[(4-nitrobenzoyl)oxy]hexyl]-7-(phenylmethyl)- (9CI)  
 MF C26 H27 N5 O6

Absolute stereochemistry.



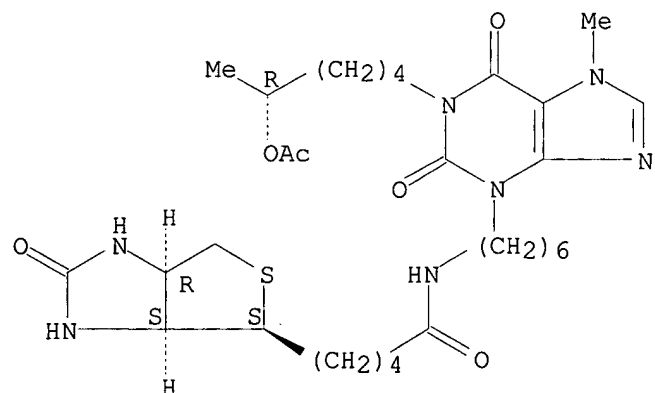
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Acetyl chloride, (phenylmethoxy)- (9CI)  
 MF C9 H9 Cl O2  
 CI COM



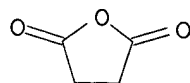
L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 1H-Thieno[3,4-d]imidazole-4-pentanamide,  
 N-[6-[1-[(5R)-5-(acetyloxy)hexyl]-

1,2,6,7-tetrahydro-7-methyl-2,6-dioxo-3H-purin-3-yl]hexyl]hexahydro-2-oxo-  
 , (3aS,4S,6aR)- (9CI)  
 MF C30 H47 N7 O6 S

Absolute stereochemistry.



L16 158 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 2,5-Furandione, dihydro- (9CI)  
 MF C4 H4 O3  
 CI COM



ALL ANSWERS HAVE BEEN SCANNED